

Big Maths Beat That!: Teacher Notes

SAFE Challenge 10			
	Step Location in the SAFE framework		Title of Step
	Progress Drive	Step No.	
Q1	Shape: Explore & Draw	15	I can recognise horizontal and vertical lines
Q2	Shape: Explore & Draw	16	I can recognise parallel lines
Q3	Shape: Explore & Draw	17	I can recognise perpendicular lines
Q4	Amounts: Amounts of Turn	8	I can tell if an angle is greater than or less than a right angle
Q5	Amounts: Amounts of Turn	10	I can spot right angles in shapes
Q6	Fractions: Fractions of a Whole	9	I can tell you fractions equal to 1, e.g. two halves, three thirds, four quarters, etc.
Q7	Fractions: Fractions of a Whole	12	I can find any simple fraction of any simple shape
Q8	Fractions: Fractions: Counting	6	I can count in thirds
Q9	Fractions: Fractions: It's Nothing New	4	I can add and subtract fractions with the same denominator (within 1)
Q10	Fractions: Fractions: Calculation	1	I see fractions as 'just another number'

NAME:

CLASS:

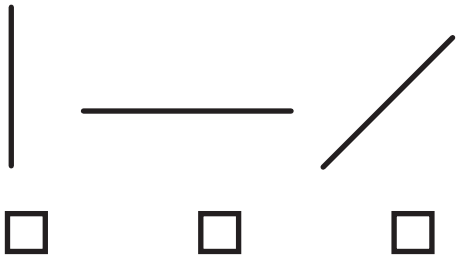
DATE:

SAFE 10

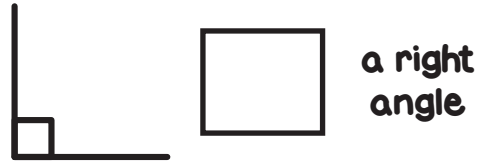
WK: 1

/10

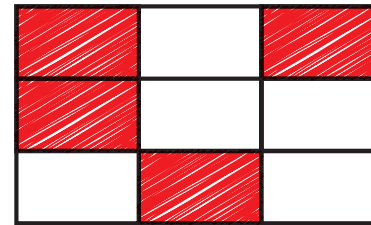
1 Tick the vertical line



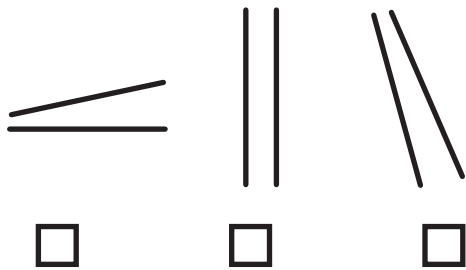
4 Write in >, <, or =



7 Write as a fraction



2 Tick the parallel lines

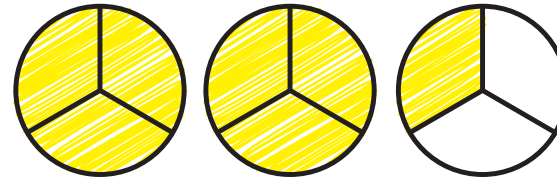


5

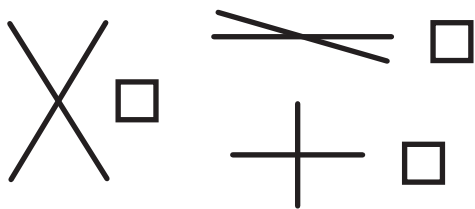


_____ is a right angle

8 Write as a mixed number



3 Tick the perpendicular lines



6 Tick which is true?

$\frac{3}{4} = 1$ $\frac{5}{4} = 1$

$\frac{4}{4} = 1$

9 $\frac{8}{9} - \frac{3}{9} =$

10 $3 + \frac{2}{5} + 5 =$



MY LAST SCORE?!

HAVE I BEAT THAT?!



NAME:

CLASS:

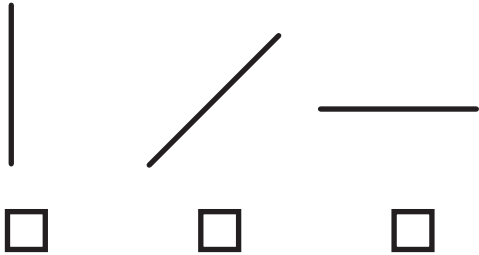
DATE:

SAFE 10

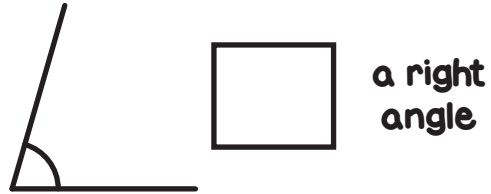
WK: 2

/10

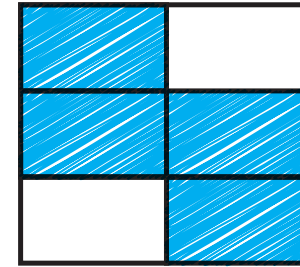
1 Tick the horizontal line



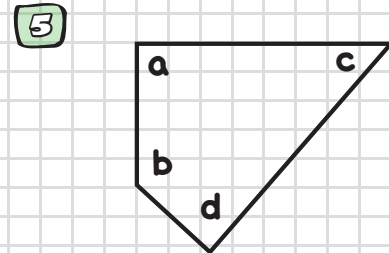
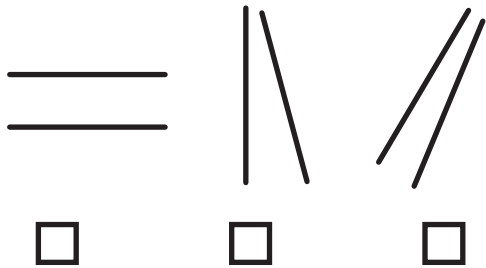
4 Write in >, <, or =



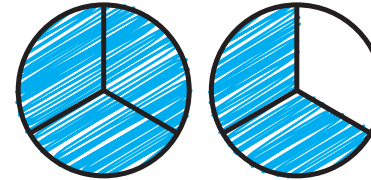
7 Write as a fraction



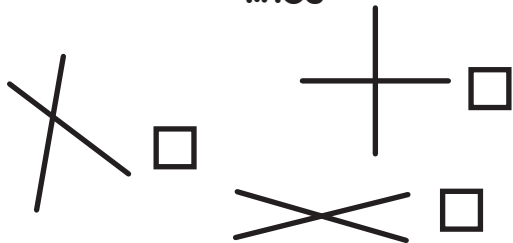
2 Tick the parallel lines



8 Write as a mixed number



3 Tick the perpendicular lines



6 Tick which is true?

$\frac{2}{2} = 1$ $\frac{1}{2} = 1$

$\frac{3}{4} = 1$

9 $\frac{4}{7} + \frac{2}{7} =$

10 $2 + \frac{1}{2} + 1 =$

MY LAST SCORE?!

HAVE I BEAT THAT?!



NAME:

CLASS:

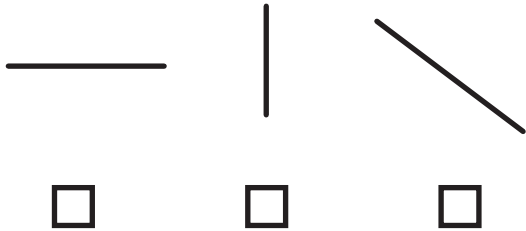
DATE:

SAFE 10

WK: 3

/10

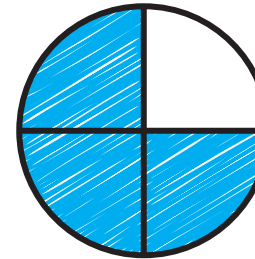
1 Tick the horizontal line



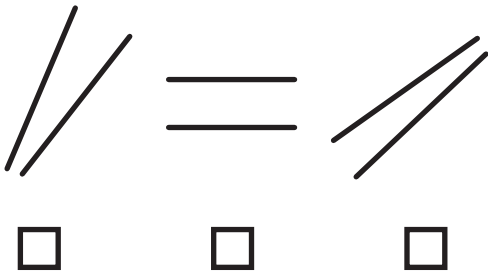
4 Write in >, <, or =



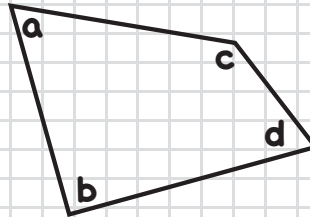
7 Write as a fraction



2 Tick the parallel lines

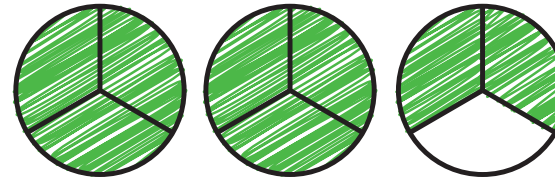


5

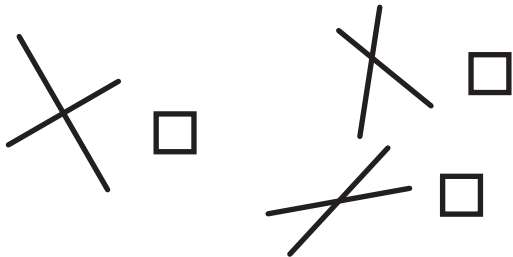


_____ is a right angle

8 Write as a mixed number



3 Tick the perpendicular lines



6 Tick which is true?

$\frac{1}{5} = 1$ $\frac{5}{5} = 1$

$\frac{3}{4} = 1$

9 $\frac{3}{6} - \frac{1}{6} =$

10 $7 + 2 + \frac{2}{3} =$



MY LAST SCORE?!

HAVE I BEAT THAT?!



NAME:

CLASS:

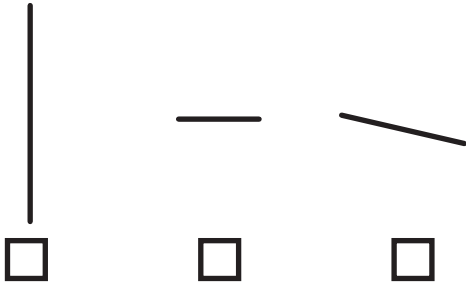
DATE:

SAFE 10

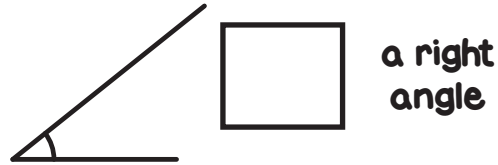
WK:4

/10

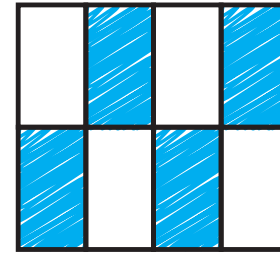
1 Tick the vertical line



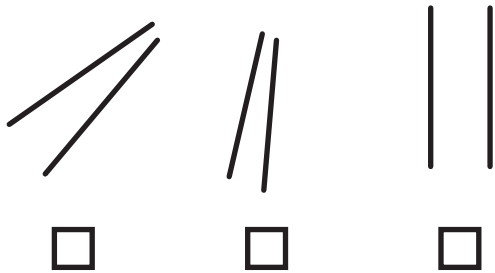
4 Write in >, <, or =



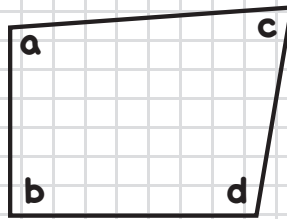
7 Write as a fraction



2 Tick the parallel lines

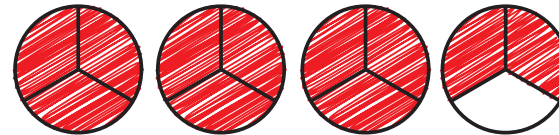


5

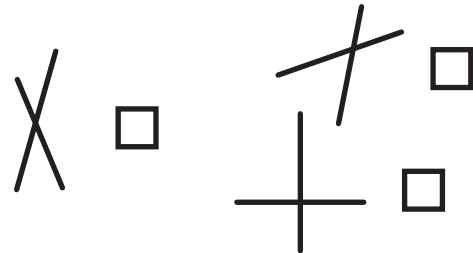


_____ is a right angle

8 Write as a mixed number



3 Tick the perpendicular lines



6 Tick which is true?

$\frac{1}{3} = 1$ $\frac{2}{5} = 1$

$\frac{4}{4} = 1$

9 $\frac{3}{8} + \frac{2}{8} =$

10 $2 + 3 + \frac{3}{5} =$



MY LAST SCORE?!

HAVE I BEAT THAT?!



NAME:

CLASS:

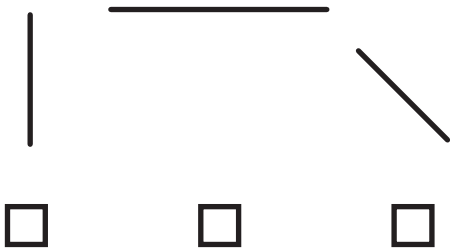
DATE:

SAFE 10

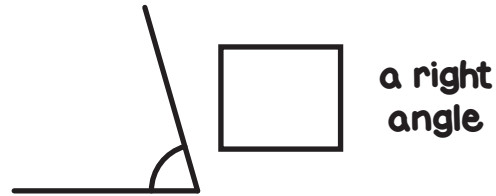
WK: 5

/10

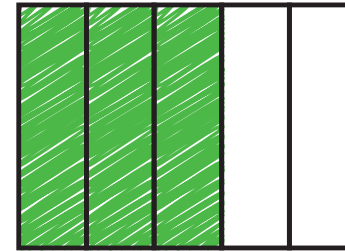
1 Tick the horizontal line



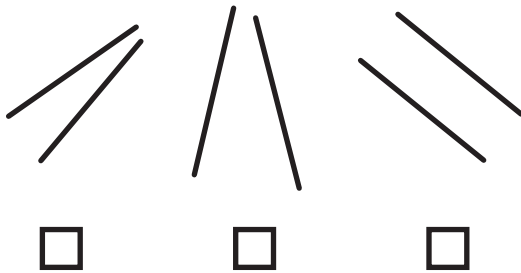
4 Write in >, <, or =



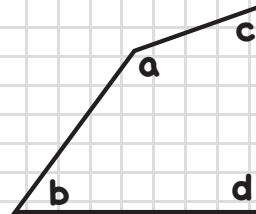
7 Write as a fraction



2 Tick the parallel lines

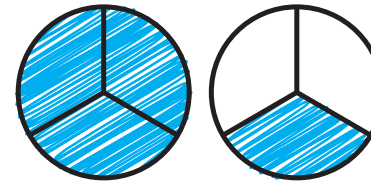


5

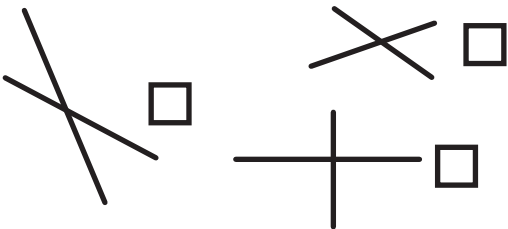


_____ is a right angle

8 Write as a mixed number



3 Tick the perpendicular lines



6 Tick which is true?

$\frac{3}{3} = 1$ $\frac{4}{5} = 1$

$\frac{1}{2} = 1$

9 $\frac{3}{7} - \frac{1}{7} =$

10 $\frac{1}{4} + 1 + 3 =$



MY LAST SCORE?!

HAVE I BEAT THAT?!



NAME:

CLASS:

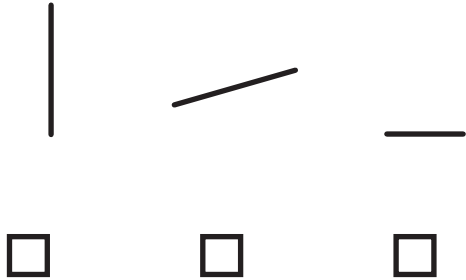
DATE:

SAFE 10

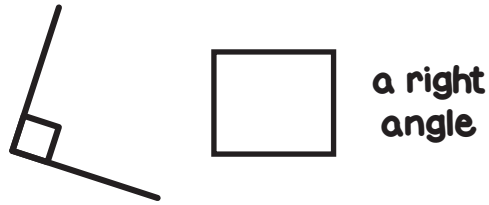
WK: 6

/10

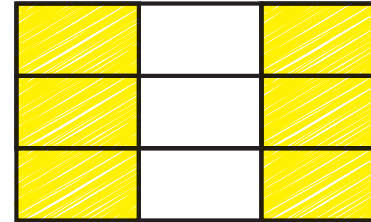
1 Tick the vertical line



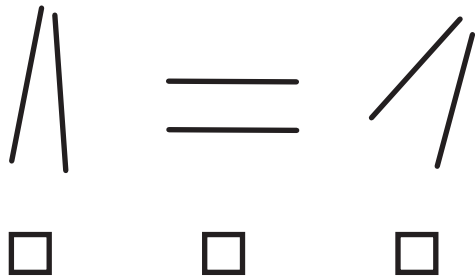
4 Write in >, <, or =



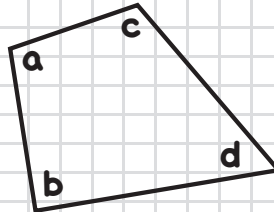
7 Write as a fraction



2 Tick the parallel lines

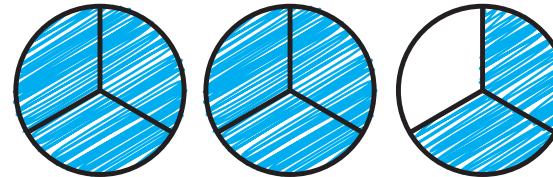


5

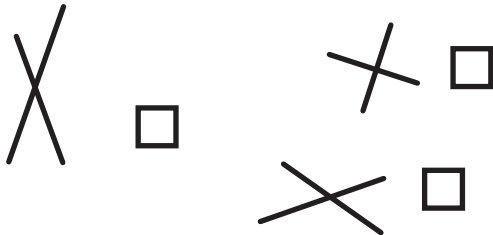


_____ is a right angle

8 Write as a mixed number



3 Tick the perpendicular lines



6 Tick which is true?

$\frac{1}{5} = 1$ $\frac{2}{2} = 1$

$\frac{3}{4} = 1$

9 $\frac{8}{9} - \frac{6}{9} =$

10 $\frac{1}{3} + 3 + 2 =$

MY LAST SCORE?!

HAVE I BEAT THAT?!



NAME:

CLASS:

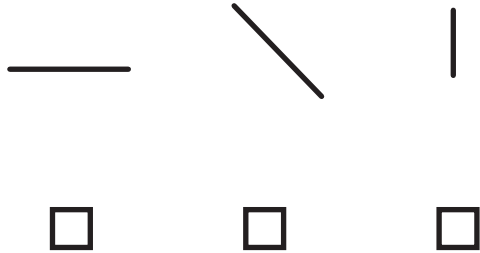
DATE:

SAFE 10

WK: 7

/10

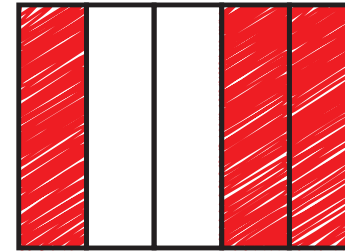
1 Tick the horizontal line



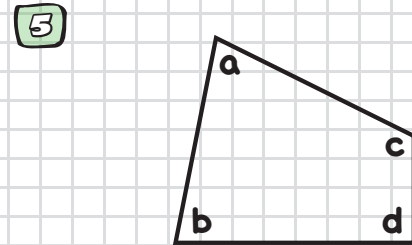
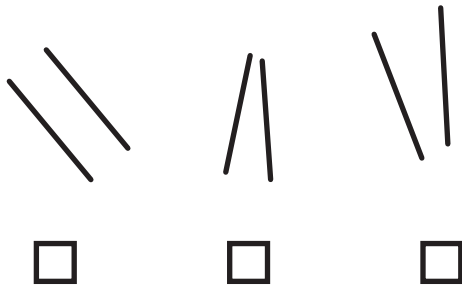
4 Write in >, <, or =



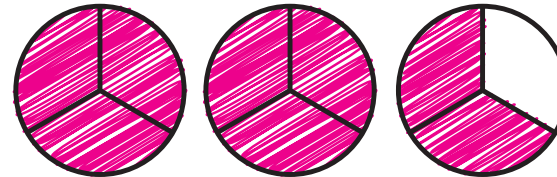
7 Write as a fraction



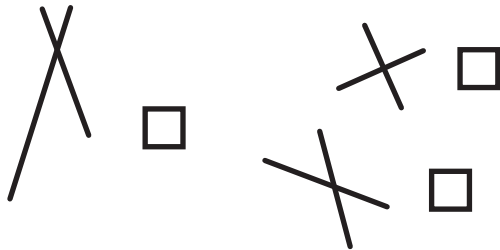
2 Tick the parallel lines



8 Write as a mixed number



3 Tick the perpendicular lines



6 Tick which is true?

$\frac{5}{5} = 1$ $\frac{1}{2} = 1$

$\frac{3}{5} = 1$

9 $\frac{5}{6} - \frac{2}{6} =$

10 $1 + \frac{2}{5} + 6 =$

MY LAST SCORE?!

HAVE I BEAT THAT?!



NAME:

CLASS:

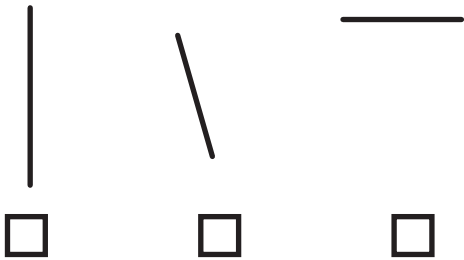
DATE:

SAFE 10

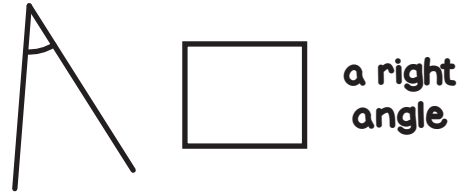
WK: 8

/10

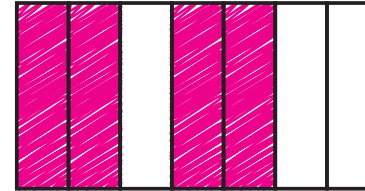
1 Tick the horizontal line



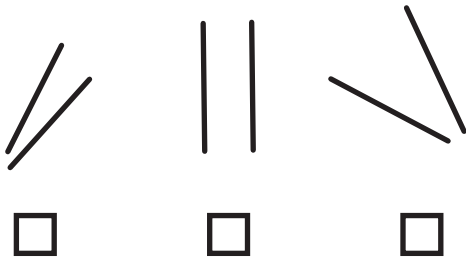
4 Write in >, <, or =



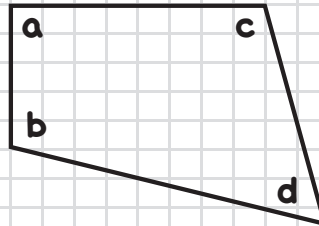
7 Write as a fraction



2 Tick the parallel lines

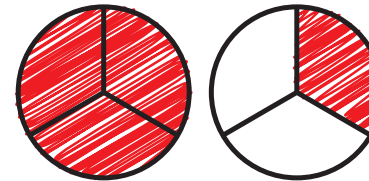


5

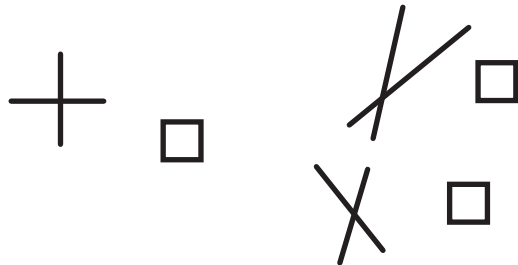


_____ is a right angle

8 Write as a mixed number



3 Tick the perpendicular lines



6 Tick which is true?

$\frac{4}{5} = 1$ $\frac{1}{2} = 1$

$\frac{3}{3} = 1$

9 $\frac{3}{9} + \frac{2}{9} =$

10 $2 + \frac{1}{4} + 2 =$



MY LAST SCORE?!

HAVE I BEAT THAT?!



NAME:

CLASS:

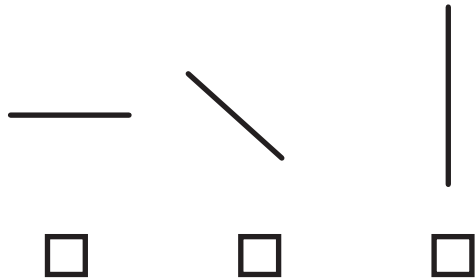
DATE:

SAFE 10

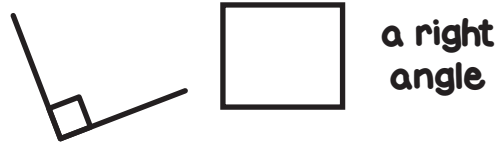
WK: 9

/10

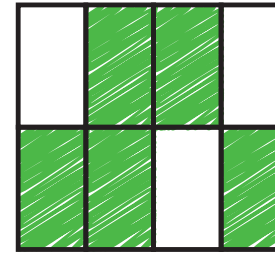
1 Tick the vertical line



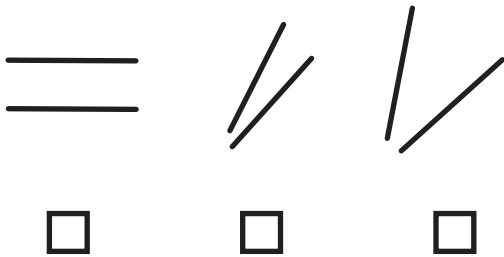
4 Write in >, <, or =



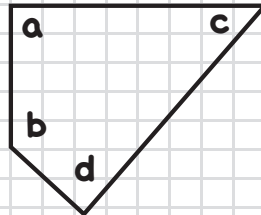
7 Write as a fraction



2 Tick the parallel lines

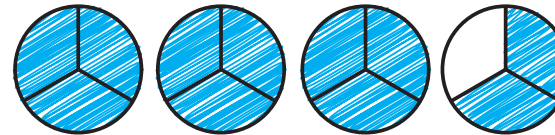


5

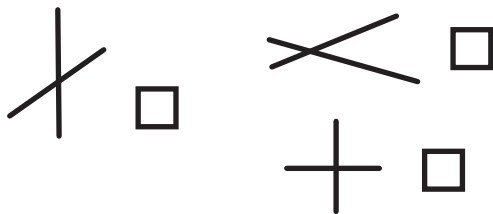


_____ is a right angle

8 Write as a mixed number



3 Tick the perpendicular lines



6 Tick which is true?

$\frac{5}{5} = 1$ $\frac{2}{3} = 1$

$\frac{1}{3} = 1$

9 $\frac{5}{6} - \frac{4}{6} =$

10 $1 + 1 + \frac{1}{3} =$



MY LAST SCORE?!

HAVE I BEAT THAT?!



NAME:

CLASS:

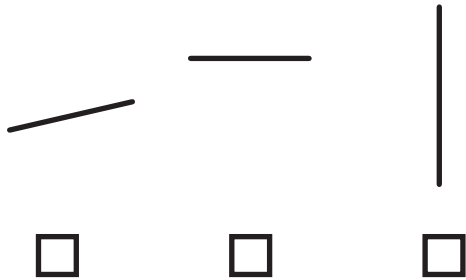
DATE:

SAFE 10

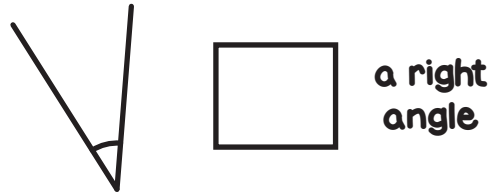
WK: 10

/10

1 Tick the horizontal line



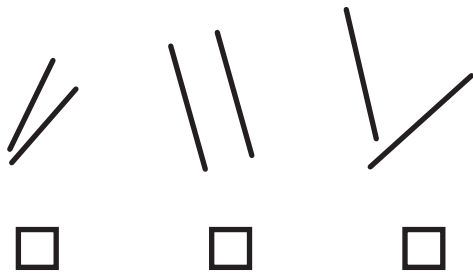
4 Write in >, <, or =



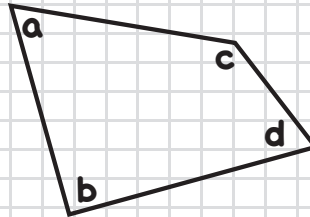
7 Write as a fraction



2 Tick the parallel lines

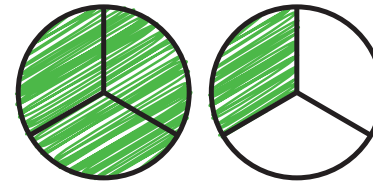


5

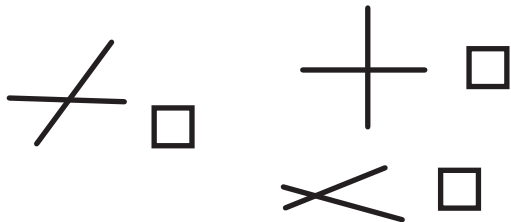


_____ is a right angle

8 Write as a mixed number



3 Tick the perpendicular lines



6 Tick which is true?

$\frac{2}{2} = 1$ $\frac{4}{5} = 1$

$\frac{3}{4} = 1$

9 $\frac{2}{8} + \frac{5}{8} =$

10 $4 + 3 + \frac{3}{4} =$



MY LAST SCORE?!

HAVE I BEAT THAT?!



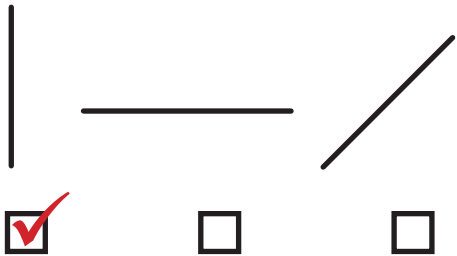
ANSWERS

SAFE 10

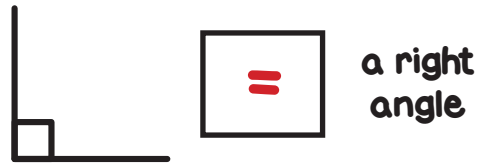
WK: 1

/10

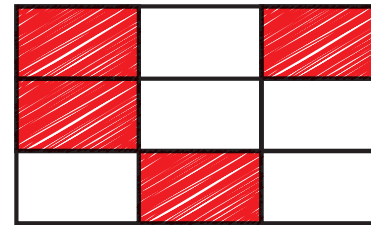
1 Tick the vertical line



4 Write in >, <, or =

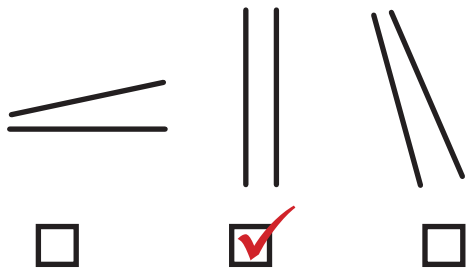


7 Write as a fraction



$\frac{4}{9}$

2 Tick the parallel lines

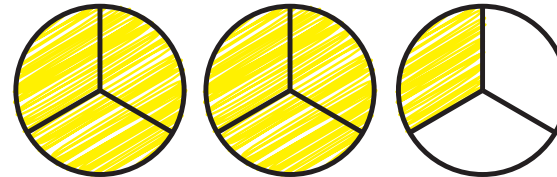


5



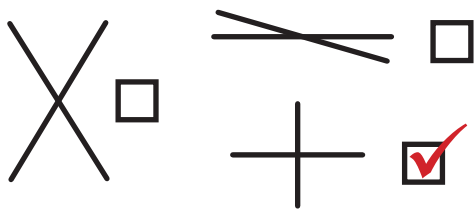
a is a right angle

8 Write as a mixed number



$2 \frac{1}{3}$

3 Tick the perpendicular lines



6 Tick which is true?

$\frac{3}{4} = 1$ $\frac{5}{4} = 1$
 $\frac{4}{4} = 1$

9 $\frac{8}{9} - \frac{3}{9} =$

$\frac{5}{9}$

10 $3 + \frac{2}{5} + 5 =$

$8 \frac{2}{5}$



MY LAST SCORE?!

HAVE I BEAT THAT?!



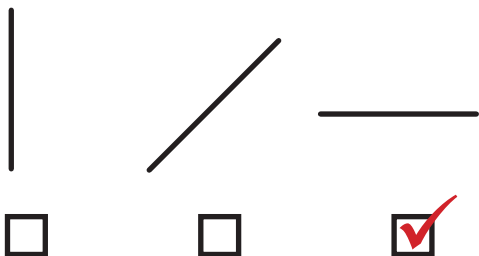
ANSWERS

SAFE 10

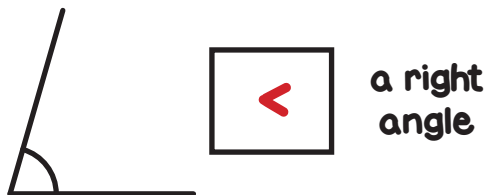
WK: 2

/10

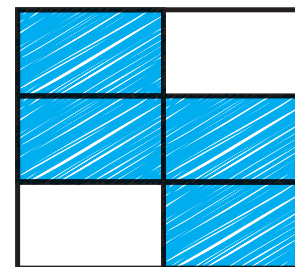
1 Tick the horizontal line



4 Write in >, <, or =

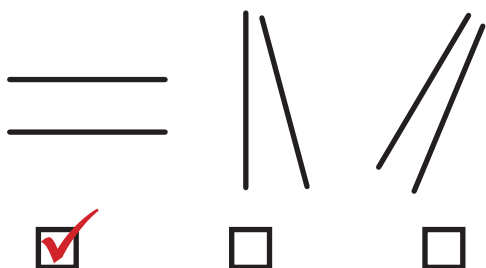


7 Write as a fraction

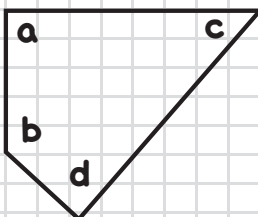


$\frac{4}{6}$

2 Tick the parallel lines

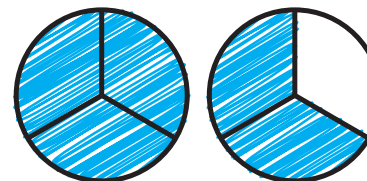


5



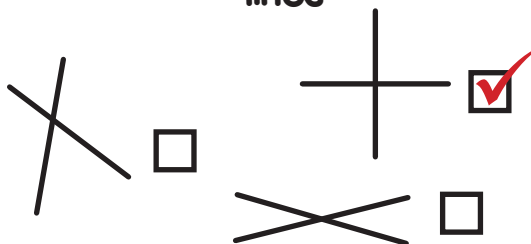
a is a right angle

8 Write as a mixed number



$1 \frac{2}{3}$

3 Tick the perpendicular lines



6 Tick which is true?

$\frac{2}{2} = 1$ $\frac{1}{2} = 1$
 $\frac{3}{4} = 1$

9 $\frac{4}{7} + \frac{2}{7} =$
 $\frac{6}{7}$

10 $2 + \frac{1}{2} + 1 =$
 $3 \frac{1}{2}$



MY LAST SCORE?!

HAVE I BEAT THAT?!



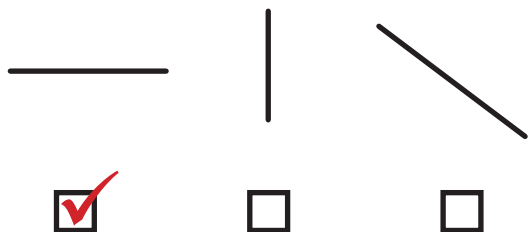
ANSWERS

SAFE 10

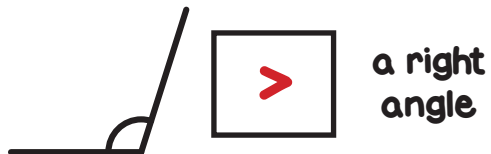
WK: 3

/10

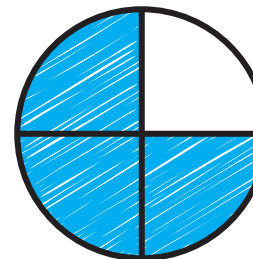
1 Tick the horizontal line



4 Write in >, <, or =

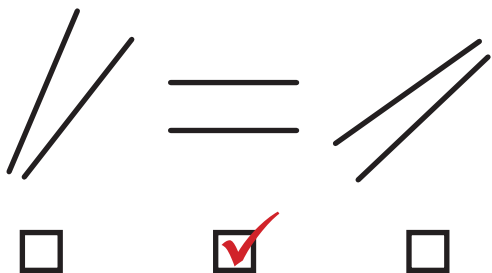


7 Write as a fraction

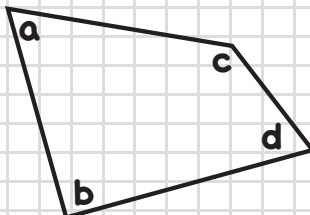


$\frac{3}{4}$

2 Tick the parallel lines

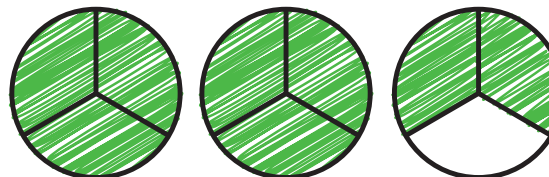


5



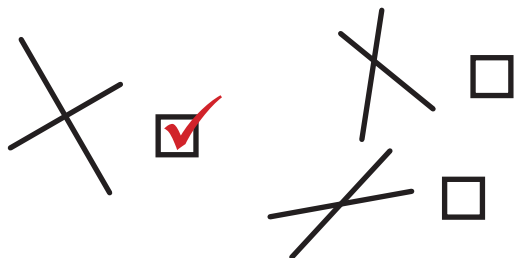
b is a right angle

8 Write as a mixed number



$2 \frac{2}{3}$

3 Tick the perpendicular lines



6 Tick which is true?

$\frac{1}{5} = 1$ $\frac{5}{5} = 1$

$\frac{3}{4} = 1$

9 $\frac{3}{6} - \frac{1}{6} =$

$\frac{2}{6}$

10 $7 + 2 + \frac{2}{3} =$

$9 \frac{2}{3}$



MY LAST SCORE?!

HAVE I BEAT THAT?!



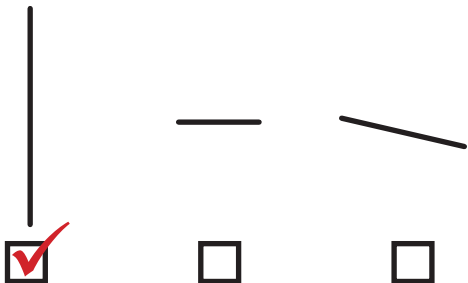
ANSWERS

SAFE 10

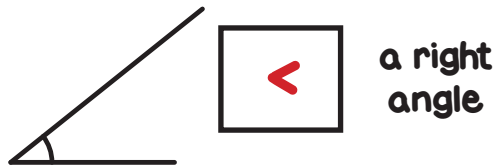
WK:4

/10

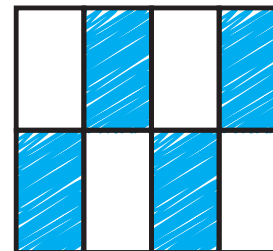
1 Tick the vertical line



4 Write in >, <, or =

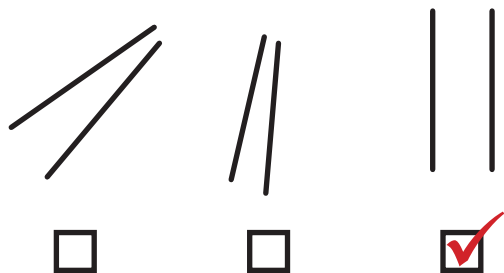


7 Write as a fraction

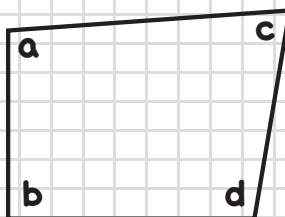


$\frac{4}{8}$

2 Tick the parallel lines

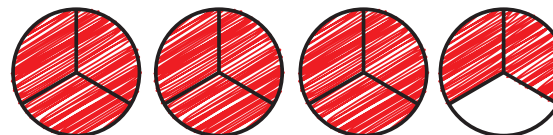


5



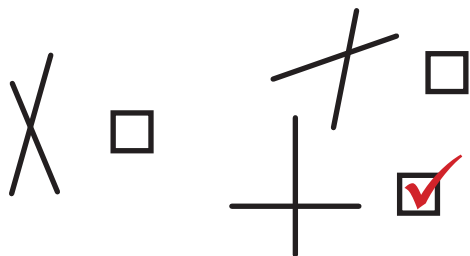
b is a right angle

8 Write as a mixed number



$3 \frac{2}{3}$

3 Tick the perpendicular lines



6 Tick which is true?

$\frac{1}{3} = 1$ $\frac{2}{5} = 1$

$\frac{4}{4} = 1$

9 $\frac{3}{8} + \frac{2}{8} =$

$\frac{5}{8}$

10 $2 + 3 + \frac{3}{5} =$

$5 \frac{3}{5}$



MY LAST SCORE?!

HAVE I BEAT THAT?!



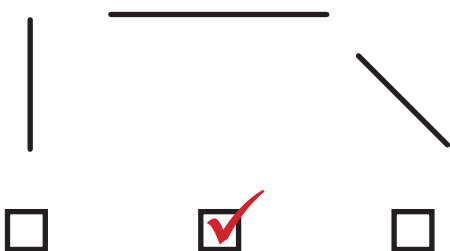
ANSWERS

SAFE 10

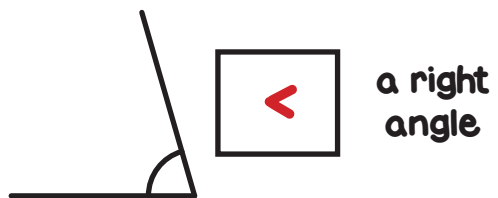
WK: 5

/10

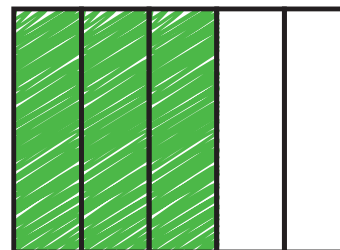
1 Tick the horizontal line



4 Write in >, <, or =

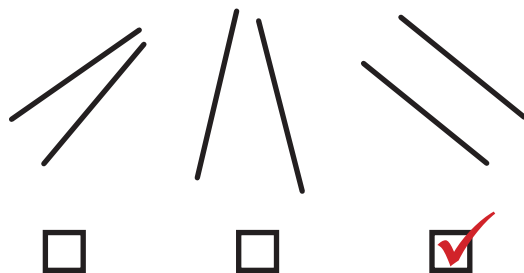


7 Write as a fraction

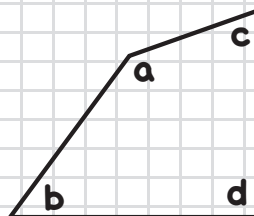


$\frac{3}{5}$

2 Tick the parallel lines

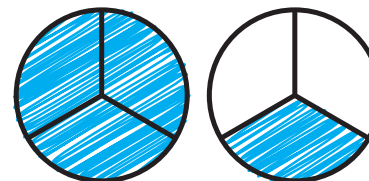


5



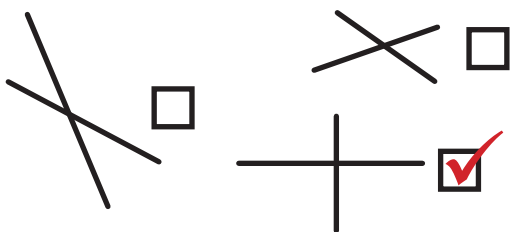
d is a right angle

8 Write as a mixed number



$1 \frac{1}{3}$

3 Tick the perpendicular lines



6 Tick which is true?

$\frac{3}{3} = 1$ $\frac{4}{5} = 1$

$\frac{1}{2} = 1$

9 $\frac{3}{7} - \frac{1}{7} =$

$\frac{2}{7}$

10 $\frac{1}{4} + 1 + 3 =$

$4 \frac{1}{4}$



MY LAST SCORE?!

HAVE I BEAT THAT?!



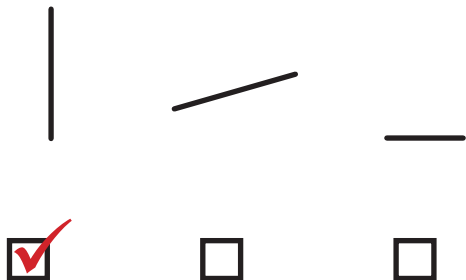
ANSWERS

SAFE 10

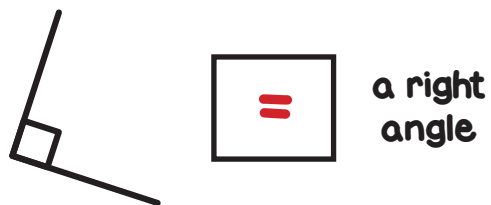
WK: 6

/10

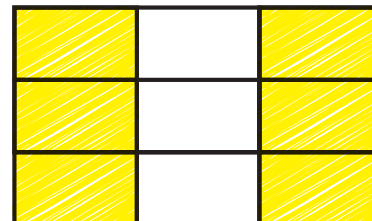
1 Tick the vertical line



4 Write in >, <, or =

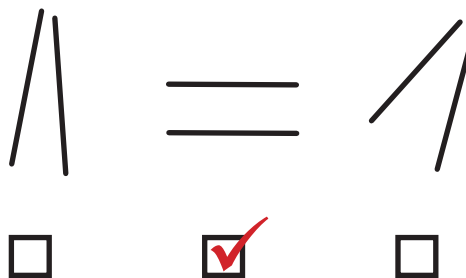


7 Write as a fraction

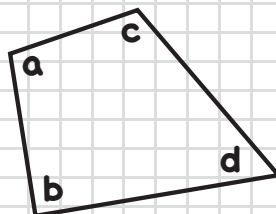


$\frac{6}{9}$

2 Tick the parallel lines

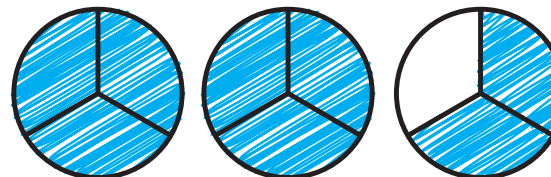


5



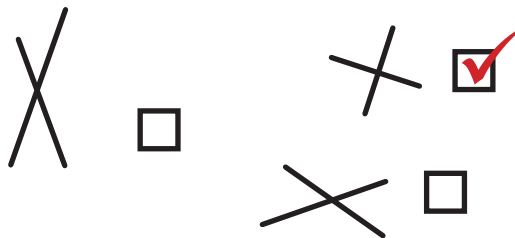
b is a right angle

8 Write as a mixed number



$2 \frac{2}{3}$

3 Tick the perpendicular lines



6 Tick which is true?

$\frac{1}{5} = 1$ $\frac{2}{2} = 1$

$\frac{3}{4} = 1$

9 $\frac{8}{9} - \frac{6}{9} =$

$\frac{2}{9}$

10 $\frac{1}{3} + 3 + 2 =$

$5 \frac{1}{3}$



MY LAST SCORE?!

HAVE I BEAT THAT?!



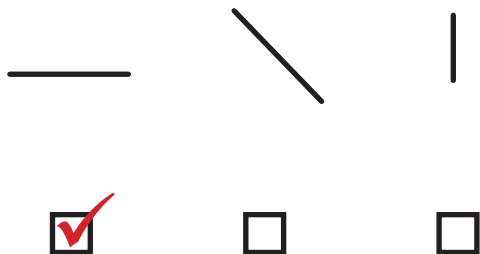
ANSWERS

SAFE 10

WK: 7

/10

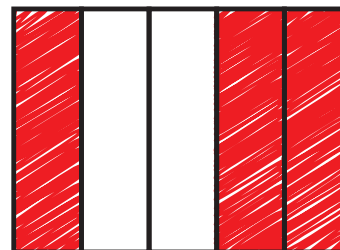
1 Tick the horizontal line



4 Write in >, <, or =

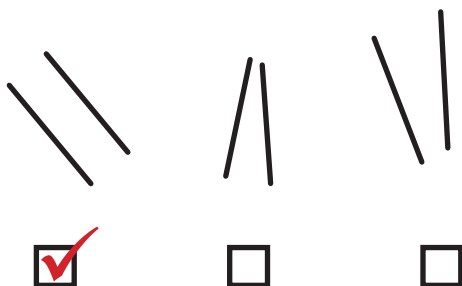


7 Write as a fraction

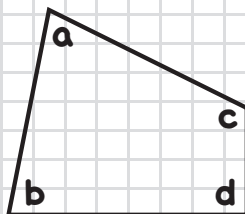


$\frac{3}{5}$

2 Tick the parallel lines

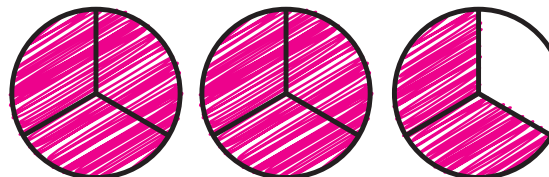


5



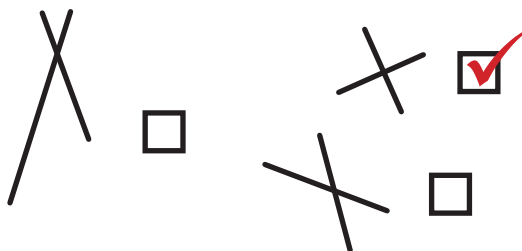
d is a right angle

8 Write as a mixed number



$2 \frac{2}{3}$

3 Tick the perpendicular lines



6 Tick which is true?

$\frac{5}{5} = 1$ $\frac{1}{2} = 1$
 $\frac{3}{5} = 1$

9 $\frac{5}{6} - \frac{2}{6} =$

$\frac{3}{6}$

10 $1 + \frac{2}{5} + 6 =$

$7 \frac{2}{5}$



MY LAST SCORE?!

HAVE I BEAT THAT?!



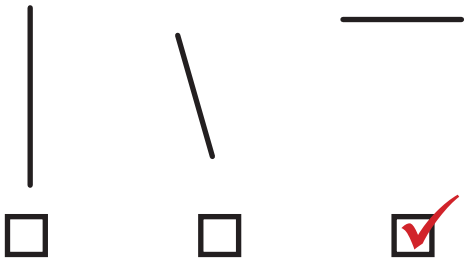
ANSWERS

SAFE 10

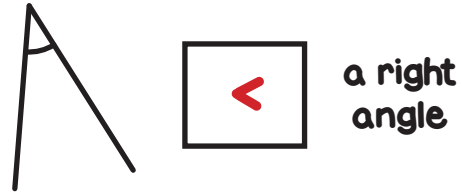
WK: 8

/10

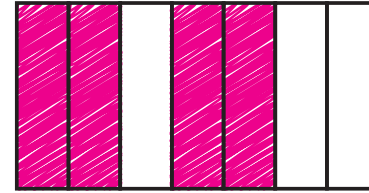
1 Tick the horizontal line



4 Write in >, <, or =

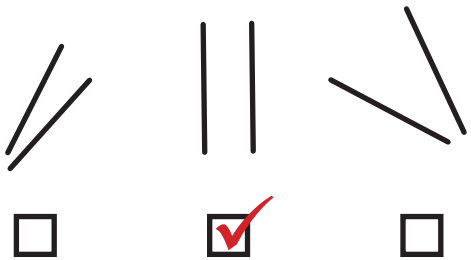


7 Write as a fraction



$\frac{4}{7}$

2 Tick the parallel lines

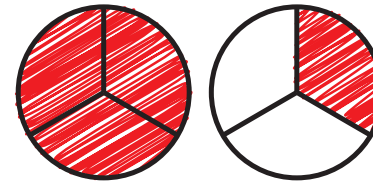


5



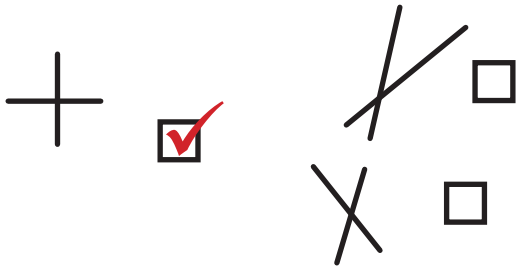
a is a right angle

8 Write as a mixed number



$1 \frac{1}{3}$

3 Tick the perpendicular lines



6 Tick which is true?

$\frac{4}{5} = 1$ $\frac{1}{2} = 1$

$\frac{3}{3} = 1$

9 $\frac{3}{9} + \frac{2}{9} =$

$\frac{5}{9}$

10 $2 + \frac{1}{4} + 2 =$

$4 \frac{1}{4}$



MY LAST SCORE?!

HAVE I BEAT THAT?!



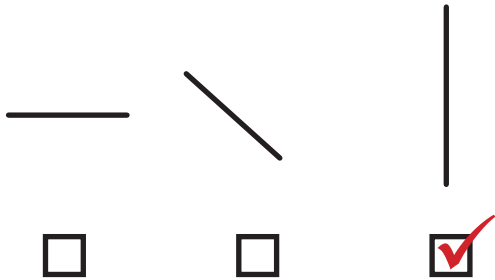
ANSWERS

SAFE 10

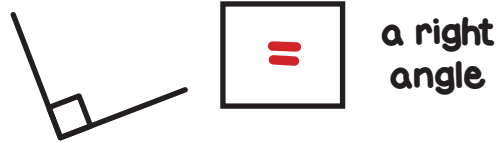
WK: 9

/10

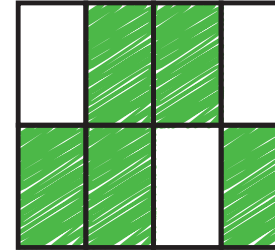
1 Tick the vertical line



4 Write in >, <, or =

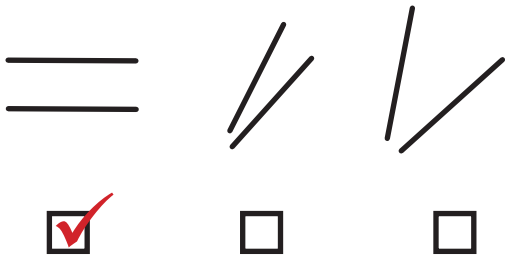


7 Write as a fraction

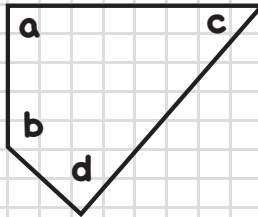


$\frac{5}{6}$

2 Tick the parallel lines

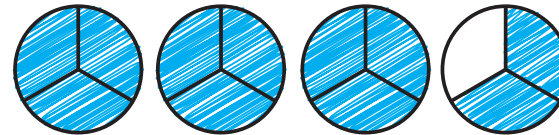


5



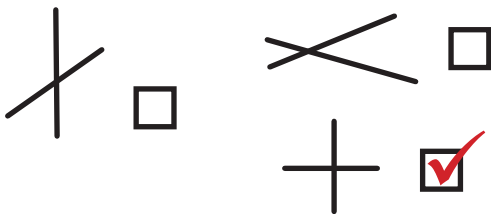
a is a right angle

8 Write as a mixed number



$3 \frac{2}{3}$

3 Tick the perpendicular lines



6 Tick which is true?

$\frac{5}{5} = 1$ $\frac{2}{3} = 1$
 $\frac{1}{3} = 1$

9 $\frac{5}{6} - \frac{4}{6} =$
 $\frac{1}{6}$

10 $1 + 1 + \frac{1}{3} =$
 $2 \frac{1}{3}$



MY LAST SCORE?!

HAVE I BEAT THAT?!



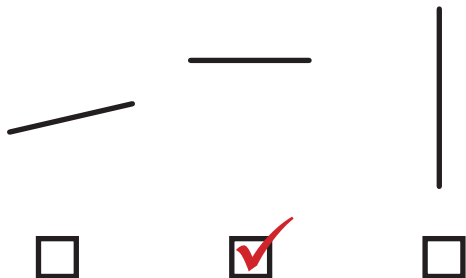
ANSWERS

SAFE 10

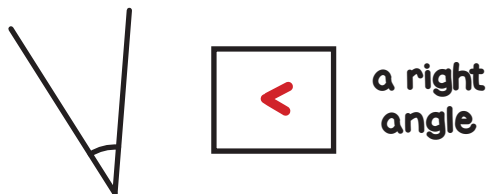
WK: 10

/10

1 Tick the horizontal line



4 Write in >, <, or =

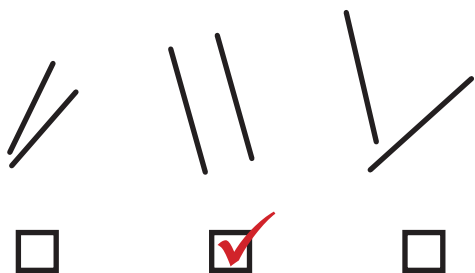


7 Write as a fraction

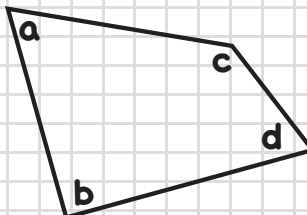


$\frac{5}{7}$

2 Tick the parallel lines

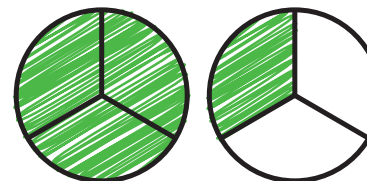


5



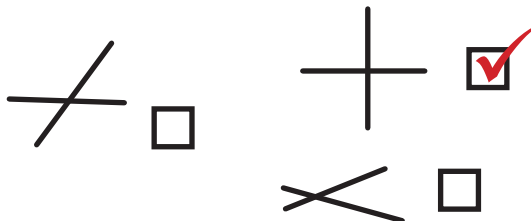
b is a right angle

8 Write as a mixed number



$1 \frac{1}{3}$

3 Tick the perpendicular lines



6 Tick which is true?

$\frac{2}{2} = 1$
 $\frac{4}{5} = 1$
 $\frac{3}{4} = 1$

9 $\frac{2}{8} + \frac{5}{8} =$

$\frac{7}{8}$

10 $4 + 3 + \frac{3}{4} =$

$7 \frac{3}{4}$



MY LAST SCORE?!

HAVE I BEAT THAT?!

