Exam 8 — Lessons 36 - 40

Name _____

Date _____

Draw a '<', '>', or '=' sign in the circles below:

1) $\frac{2}{7} < \frac{5}{7}$

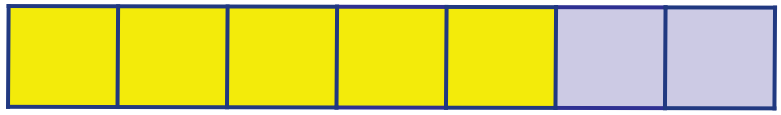
2) $\frac{4}{5} > \frac{1}{5}$

3) $1\frac{3}{5} < 2\frac{1}{5}$

Use the rectangles below, to determine which fraction is bigger. Then draw a '<', '>', or '=' sign in the circle:

4) * Student should shade in the boxes that are in yellow.

$\frac{5}{7}$



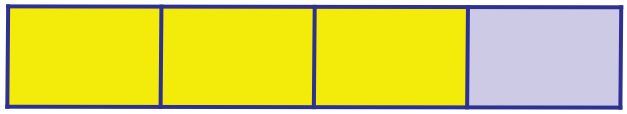
$\frac{2}{5}$

$\frac{5}{7} > \frac{2}{5}$

5) * Student should shade in the boxes that are in yellow.

$\frac{4}{5}$

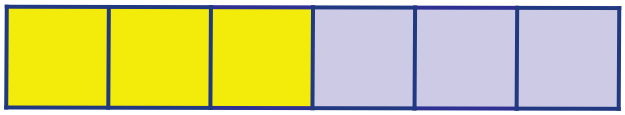
$\frac{3}{4}$



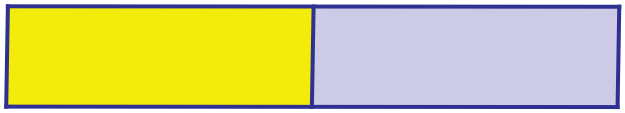
$\frac{4}{5} > \frac{3}{4}$

6) * Student should shade in the boxes that are in yellow.

$\frac{3}{6}$

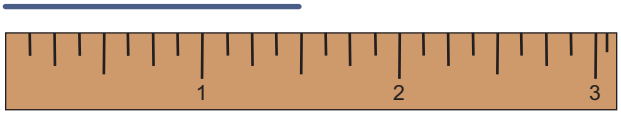


$\frac{1}{2}$

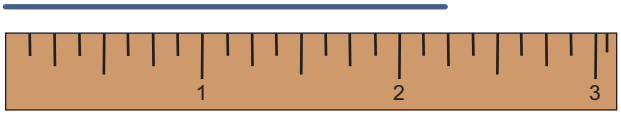


$\frac{3}{6} = \frac{1}{2}$

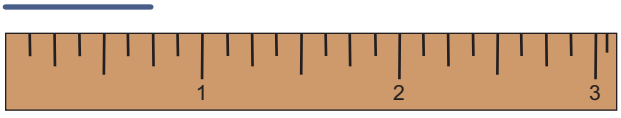
7) Is the line = $1\frac{1}{2}$ inch long? (yes) no



8) Is the line = $2\frac{1}{4}$ inch long? (yes) no

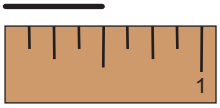


9) Is the line = $1\frac{3}{4}$ inch long? yes (no)

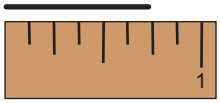


Draw a line, using the length specified, above the ruler segment:

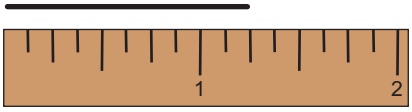
10) Draw a line that is $\frac{1}{2}$ an inch long:

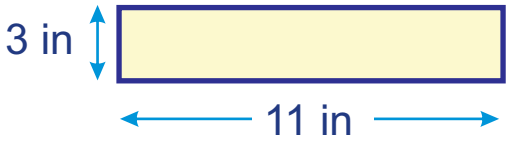


11) Draw a line that is $\frac{3}{4}$ an inch long:



13) Draw a line that is $1\frac{1}{4}$ an inch long:





11 + 11 + 3 + 3 = 28

14) What is the **perimeter** = 28 inches

11 x 3 = 33

15) What is the **area** = 33 square inches

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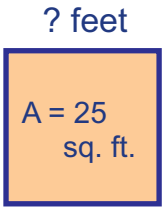
16) The square below has an **area** of 25 square feet.
What are the **lengths** of all the sides?



25 = 5 x 5

Each side is 5 feet

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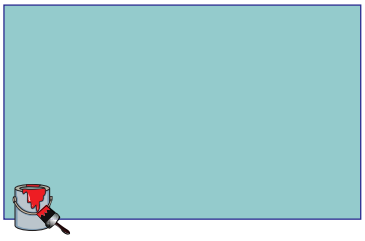
17) Jack wants to paint a wall in his room red.
The paint can says that it will cover **100 square feet**.
Jack's wall is 8 feet high by 10 feet long.



How much area does Jack need to paint?

80 square feet

100 > 80

Does Jack have enough paint? yes

Score: ____ / 17 = _____%