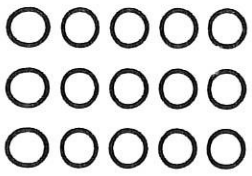
Name_____ Date_____

Fifth Grade Unit 7 Review

1. Stella baked 15 cupcakes. Three-fifths of the cupcakes are chocolate.



How many cupcakes are chocolate?

Ⓐ 10

Ⓑ 9

Ⓒ 8

Ⓓ 5

2. Michael walked $2\frac{3}{4}$ of a mile last weekend. Mary walked $\frac{7}{8}$ as far as Michael. Which statement below is true?

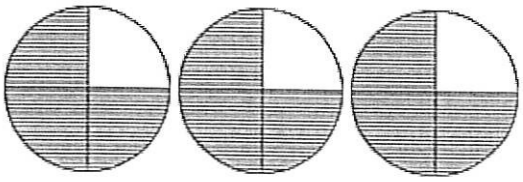
Ⓐ They both walked the same distance.

Ⓑ Mary walked farther than Michael.

Ⓒ Michael walked twice as far as Mary.

Ⓓ Michael walked farther than Mary.

3. Samantha uses $\frac{3}{4}$ of a cup of flour to bake one batch of brownies. She used the model to find how much flour to use to bake 3 batches of brownies.



How much flour does Samantha need for three batches of brownies?

Ⓐ $2\frac{3}{4}$

Ⓑ $2\frac{1}{4}$

Ⓒ $1\frac{3}{4}$

Ⓓ $1\frac{1}{4}$

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4. Marvin multiplied $3\frac{5}{8}$ by an unknown number. The product was less than $3\frac{5}{8}$. Select all the numbers that could be his unknown number.

Ⓐ $\frac{5}{8}$

Ⓑ $2\frac{1}{8}$

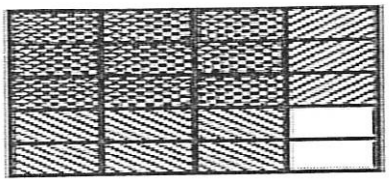
Ⓒ $\frac{3}{4}$

Ⓓ $\frac{4}{3}$

Ⓔ $\frac{3}{3}$

Ⓕ 5

5. Mr. Payton painted $\frac{3}{4}$ of his model cars red. Of the red cars $\frac{3}{5}$ have stripes. Use the model to find what part of Mr. Payton's cars are red with stripes.



What part of Mr. Payton's model cars are red with stripes?

Ⓐ $\frac{5}{20}$

Ⓑ $\frac{9}{20}$

Ⓒ $\frac{1}{4}$

Ⓓ $\frac{1}{2}$

6. Alex bought $4\frac{3}{4}$ gallons of paint. He used $\frac{1}{3}$ of the paint on a school project. How many gallons of the paint did Alex use?

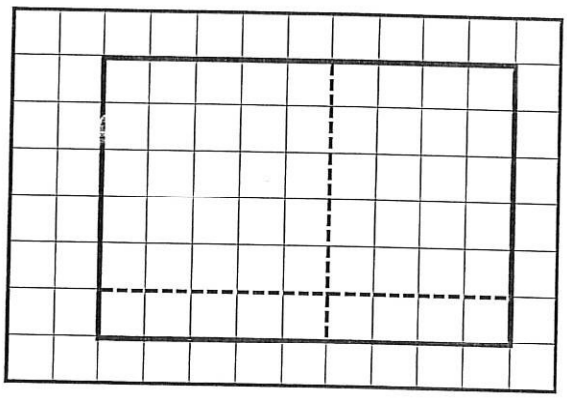
Ⓐ $1\frac{5}{6}$

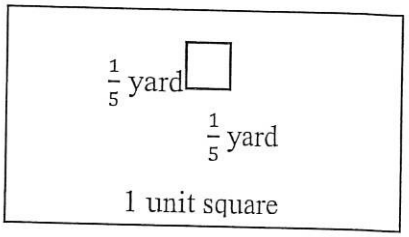
Ⓑ $1\frac{7}{12}$

Ⓒ $2\frac{1}{6}$

Ⓓ $2\frac{5}{12}$

7. Shaina is building a table that is $1\frac{4}{5}$ yards long by $1\frac{1}{5}$ yards wide. She uses the grid to find the area of the table.





Which expression can be used to find the area of the table? (Choose all that apply)

Ⓐ $54 \times \frac{1}{25}$

Ⓑ 9×6

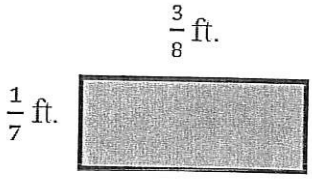
Ⓒ $\frac{1}{5} \times (9 \times 6)$

Ⓓ $\frac{9}{5} \times \frac{6}{5}$

Ⓔ $1 + \frac{1}{5} + \frac{4}{5} + \frac{4}{25}$

Ⓕ $\left(1 \times 1\frac{1}{5}\right) + \left(\frac{4}{5} \times 1\frac{1}{5}\right)$

8. A rectangle is shown with dimensions in feet (ft.).



What is the area of the rectangle above in square feet?

Choose an answer choice from below for each empty box.

2	3	8	10	15	49	56	63	72

$$\frac{\square}{\square}$$

9. There is $\frac{3}{4}$ of a pie left from dessert. Danny ate $\frac{4}{5}$ of the pie that was left. How much of the whole pie did Danny eat?

Choose an answer choice from below for each empty box.

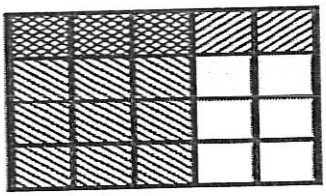
3	4	9	10	12	15	15	20	25

$$\frac{\square}{\square}$$

10. Complete the statement with more than, less than, or equal to.

$7 \times 1\frac{1}{5}$ will be _____ 7.

11. Matthew worked on a group science project. When he finished $\frac{3}{5}$ of his group's science project was left. Tony completed $\frac{1}{4}$ of what was left. Tony used the model to find how much of the science project he had finished.



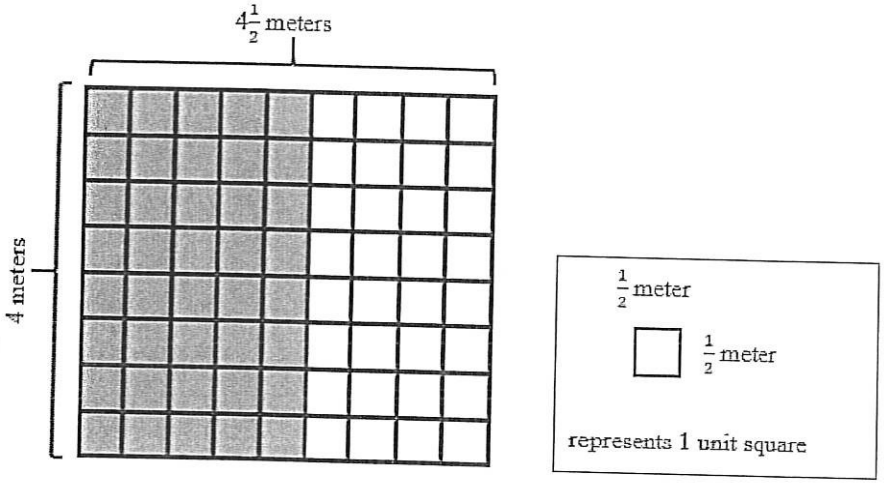
How much of the whole project did Tony complete?

Choose an answer choice from below for each empty box.

2	3	4	5	9	12	16	20	24

$$\frac{\square}{\square}$$

12. Rosa wants to paint part of a sign green. Her sign is modeled below. The shaded part represents the part she wants to paint green.



Her whole sign has an area of 18 square meters.

What is the area, in square meters, of the sign that she wants to paint green?

13. At Glades Elementary $\frac{3}{4}$ of the students ride the bus to school. Of the students who ride the bus $\frac{2}{5}$ are boys. What fraction represents the boys at Glades Elementary that ride the bus?

Choose an answer choice from below for each empty box.

2	3	4	6	9	12	20	24	28

$$\frac{\square}{\square}$$