Tahnoon Bin Mohammed school Math

Unit **10**

Unit Assessment

Name .....

1. What is the product? Use a representation to solve.

$\frac{2}{7} \times 4 = ?$

A. $\frac{7}{8}$

B. $\frac{8}{7}$

C. $\frac{12}{28}$

D. $\frac{2}{28}$

2. What is the product?

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

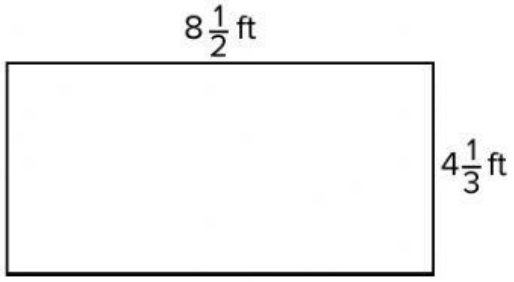
A. 6

B. $6\frac{3}{16}$

C. $8\frac{3}{16}$

D. $8\frac{15}{16}$

3. What is the area of the rectangle?



A. $25\frac{2}{3}$ square feet

B. $32\frac{1}{6}$ square feet

C. $34\frac{5}{6}$ square feet

D. $36\frac{5}{6}$ square feet

4. Which expressions have a product that is less than the first factor? Choose all that apply.

A. $2 \times \frac{3}{4}$

B. $7 \times \frac{2}{8}$

C. $16 \times \frac{5}{4}$

D. $5 \times \frac{10}{9}$

LIVEWORKSHEETS

5. Which is the product?

$\frac{2}{3} \times \frac{3}{10} = ?$

A. $\frac{5}{30}$

B. $\frac{6}{30}$

C. $\frac{1}{13}$

D. $\frac{5}{13}$

6. Mr. Cipriano spends $\frac{1}{3}$ of his time at school teaching biology. Of that time, he spends $\frac{2}{5}$ on class discussion. What fraction of his time at school does Mr. Cipriano spend on biology class discussion?

7. Kim worked for 9 hours yesterday. She ate lunch after working $\frac{1}{3}$ of her hours. How many hours did Kim work before she ate lunch?

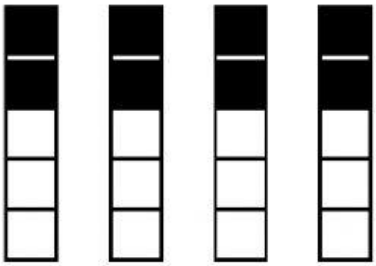
A. 1 hour

B. 2 hours

C. 3 hours

D. 6 hours

8. Which multiplication equation is shown by the black shading in the model?



A. $\frac{2}{5} \times 4 = \frac{8}{5}$

B. $\frac{2}{5} \times 4 = \frac{8}{20}$

C. $\frac{2}{3} \times 4 = \frac{8}{12}$

D. $\frac{2}{3} \times 4 = \frac{8}{3}$

LIVEWORKSHEETS

Unit Assessment, Form A (continued)

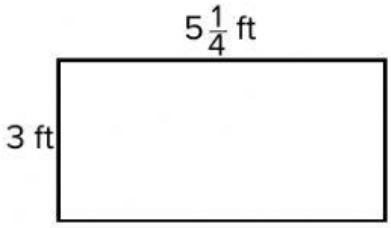
Name _____

9. What is the product?

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

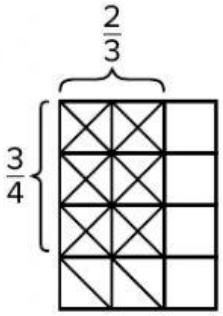
A. 18 **B.** $16\frac{8}{9}$ **C.** $12\frac{3}{6}$ **D.** $12\frac{2}{9}$

10. What is the area of the rectangle?



11. What is the product? Use the representation to solve.

$\frac{2}{3} \times \frac{3}{4} = ?$



A. $\frac{6}{12}$ **B.** $\frac{9}{12}$ **C.** $\frac{5}{7}$ **D.** $\frac{6}{7}$

12. Skye picks $3\frac{1}{2}$ pints of blueberries. Kate picks $2\frac{1}{4}$ times as many pints as Skye. How many pints of blueberries does Kate pick?

A. $5\frac{3}{4}$ pints **B.** $6\frac{1}{8}$ pints

C. $7\frac{7}{8}$ pints **D.** 8 pints

LIVEWORKSHEETS