

Name \_\_\_\_\_

Solve. Write each answer in simplest form.

1.  $5 \times \frac{4}{7}$        $\underline{2\frac{6}{7}}$

2.  $12 \div \frac{1}{6}$        $\underline{72}$

3.  $\frac{1}{3} \times \frac{6}{9}$        $\underline{\frac{2}{9}}$

4.  $\frac{1}{3} \div 15$        $\underline{\frac{1}{45}}$

5.  $1\frac{1}{8} \times 3\frac{1}{3}$        $\underline{3\frac{3}{4}}$

6.  $7 \div \frac{1}{3}$        $\underline{21}$

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7.  $16 \times \frac{3}{4}$       12

8.  $\frac{1}{8} \div 4$        $\frac{1}{32}$

9.  $\frac{3}{7} \times 3\frac{1}{3}$        $1\frac{3}{7}$

**Mark the best answer.**

10. If your pet snake grows an average of  $\frac{1}{3}$  inch every month, how many months will it take for your snake to grow 12 inches?

A. 4 months

B. 36 months

C. 15 months

D. 9 months

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11. Skylar lives  $\frac{2}{4}$  of a mile from the store and  $\frac{8}{10}$  of this distance from her best friend. How far does Skylar live from her best friend?

A.  $\frac{1}{4}$  mile

B.  $\frac{2}{5}$  mile

C.  $\frac{10}{40}$  mile

D.  $\frac{7}{8}$  mile

12. Isaac had a cake recipe that serves 3. It uses  $\frac{3}{4}$  cups of flour. He wants to make a cake that will serve 15. Which equation will help him calculate  $f$ , the amount of flour he needs?

$f$  total cups of flour

$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$
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A.  $\frac{3}{4} \times f = 5$

B.  $5 \times f = \frac{3}{4}$

C.  $5 \times \frac{3}{4} = f$

D.  $\frac{3}{4} \div 5 = f$

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11 Review

Test

13. Mr. Turner wants to divide the iced tea shown into servings that are  $\frac{3}{4}$  of a cup size. How many servings are possible?



12 cups

A. 36

B.  $13\frac{1}{2}$

C. 7

D. 16

14. Dylan took a trip with 40 items. If he brought home  $\frac{7}{8}$  of the items, how many did he bring home?

A. 35

B. 47

C. 25

D. 7

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15. Five-sixths of the students at Eden Hall Upper Elementary School ride the bus to school. If there are 1044 students at the school, how many students ride the bus?

A. 174

B. 870

C. 5220

D. 284

**For numbers 16 - 18**, without multiplying, decide which symbol belongs in the box:  $<$ ,  $>$ , or  $=$ .

16.  $3\frac{2}{3} \times \frac{1}{2} > \frac{1}{2}$

17.  $\frac{7}{9} \times 3\frac{1}{7} < 3\frac{1}{7}$

18.  $16\frac{3}{4} \times \frac{2}{2} = 16\frac{3}{4}$

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19. Sarah and her friends are rolling out dough for baking peperoni rolls. Sarah rolled out her dough until it was 12 inches long. Amelia rolled hers  $2\frac{1}{2}$  times as far. Tori rolled hers  $\frac{3}{3}$  as far. Kailyn rolled his  $\frac{4}{7}$  as far. Put Sarah's friends in order of the length of their dough from least to greatest. Explain how you found your answer. (2 points)

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Kailyn, Sarah and Tori, Amelia

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$$\text{Kailyn} = 12 \times \frac{4}{7} < 12$$

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$$\text{Tori} = 12 \times \frac{3}{3} = 12$$

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$$\text{Amelia} = 12 \times 2\frac{1}{2} > 12$$

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