

Homework

Multiply.

1. $\frac{2}{3} \cdot 15 = \underline{\hspace{2cm}}$

2. $\frac{3}{4} \cdot 8 = \underline{\hspace{2cm}}$

3. $\frac{7}{8} \cdot 32 = \underline{\hspace{2cm}}$

4. $\frac{2}{9} \cdot 27 = \underline{\hspace{2cm}}$

5. $\frac{3}{8} \cdot 56 = \underline{\hspace{2cm}}$

6. $\frac{3}{4} \cdot 16 = \underline{\hspace{2cm}}$

7. $\frac{2}{3} \cdot 21 = \underline{\hspace{2cm}}$

8. $\frac{4}{5} \cdot 35 = \underline{\hspace{2cm}}$

9. $\frac{5}{7} \cdot 28 = \underline{\hspace{2cm}}$

10. $\frac{4}{9} \cdot 45 = \underline{\hspace{2cm}}$

11. $\frac{5}{12} \cdot 24 = \underline{\hspace{2cm}}$

12. $\frac{9}{10} \cdot 70 = \underline{\hspace{2cm}}$

13. $\frac{7}{9} \cdot 18 = \underline{\hspace{2cm}}$

14. $\frac{5}{8} \cdot 80 = \underline{\hspace{2cm}}$

15. $\frac{4}{15} \cdot 45 = \underline{\hspace{2cm}}$

Solve.

Show your work.

16. Rebecca has 21 math problems to solve. She has solved $\frac{2}{7}$ of them. How many problems has she solved?

17. Tessa shot 36 free throws. She made 27 of them. What fraction of her free throws did Tessa make?

18. A carousel has 56 horses. $\frac{3}{8}$ of them are white. How many horses are not white?

19. Nathan works at a hardware store. Today he sold 48 tools. $\frac{5}{6}$ of the tools he sold were hammers. How many hammers did Nathan sell today?

Remembering

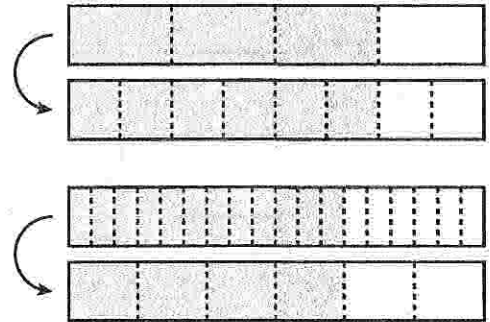
Complete each exercise about the pairs of fraction bars.

1. What equivalent fractions are shown? _____

2. Identify the multiplier. _____

3. What equivalent fractions are shown? _____

4. Identify the divisor. _____



Write each amount as a decimal number.

5. $\frac{84}{1,000}$ _____

6. $\frac{31564}{1,000}$ _____

7. $\frac{1176}{100}$ _____

8. $\frac{876}{1,000}$ _____

Solve. Write a multiplication equation for each problem.

Jonas has 8 sponsors for the school walk-a-thon.

Maura has 3 times as many sponsors as Jonas.

Trenton has $\frac{1}{4}$ as many sponsors as Jonas.

9. How many sponsors does Maura have? _____

Write the equation. _____

10. How many sponsors does Trenton have? _____

Write the equation. _____

11. **Stretch Your Thinking** Hannah and Jo are driving separately to a restaurant that is 60 miles away from their town. Hannah drives $\frac{3}{5}$ of the distance and Jo drives $\frac{5}{6}$ of the distance before stopping for gasoline. Who has driven farther? How many more miles does each driver need to drive to reach the restaurant?
