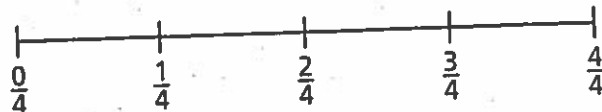


Homework

Solve.

**1. The Hot Chocolate Problem**

Marco has $\frac{3}{4}$ pint of hot chocolate. He is pouring it into cups that each hold $\frac{3}{8}$ pint. How many cups can he fill?



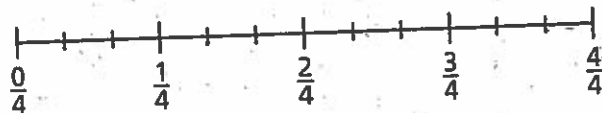
Think: How many _____ s are in _____?

Write the division equation. _____

Check your answer by writing the multiplication equation.

2. The Honeybee Problem

A honeybee gathered nectar for $\frac{3}{4}$ of an hour. It returned to the hive every $\frac{1}{12}$ hour. How many trips did the bee make?



Think: How many _____ s are in _____?

Write the division equation. _____

Check your answer by writing the multiplication equation.

Find the unknown factor. Rewrite the equation as a division equation.

3. $\frac{2}{3} \times \underline{\hspace{2cm}} = \frac{10}{18}$

Division Equation
 $\frac{10}{18} \div \frac{2}{3} = \underline{\hspace{2cm}}$

4. $\frac{4}{9} \times \underline{\hspace{2cm}} = \frac{36}{72}$

5. $\frac{5}{6} \times \underline{\hspace{2cm}} = \frac{60}{150}$

6. $\frac{2}{7} \times \underline{\hspace{2cm}} = \frac{42}{28}$

7. $\frac{3}{10} \times \underline{\hspace{2cm}} = \frac{6}{30}$

Remembering

Multiply.

$$\begin{array}{r} 1. \quad 52 \\ \times 75 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 263 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 396 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 945 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 96 \\ \times 8.7 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 0.63 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 0.75 \\ \times 0.08 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 0.049 \\ \times 0.18 \\ \hline \end{array}$$

Divide.

$$9. \underline{15} \overline{)225}$$

$$10. \underline{23} \overline{)253}$$

$$11. \underline{9.3} \overline{)93}$$

$$12. \underline{7.4} \overline{)111}$$

Circle each value for the variable that makes the inequality true.

$$13. 5 + 13 > 22$$

$$4$$

$$7$$

$$8$$

$$12$$

$$16$$

$$14. t - 51 \geq 87$$

$$36$$

$$138$$

$$141$$

$$106$$

$$157$$

Solve each division problem. Try to do them in your head.

$$15. 7 \div 9 = \underline{\hspace{2cm}}$$

$$16. 8 \div \frac{5}{1} = \underline{\hspace{2cm}}$$

$$17. 5 \div 4 = \underline{\hspace{2cm}}$$

$$18. 12 \div \frac{7}{1} = \underline{\hspace{2cm}}$$

$$19. 1 \div 16 = \underline{\hspace{2cm}}$$

$$20. 10 \div \frac{1}{7} = \underline{\hspace{2cm}}$$

$$21. 9 \div \frac{6}{1} = \underline{\hspace{2cm}}$$

$$22. 3 \div 16 = \underline{\hspace{2cm}}$$

$$23. 1,000 \div \frac{3}{1} = \underline{\hspace{2cm}}$$