

## Warm-up

1. What is  $7 + 8$ ?

15

2. What is  $12 - 5$ ?

7

3. Multiply  $6 \times 4$ .

24

4. Divide  $24 \div 6$ .

4

5. What is  $15 + 9$ ?

24

6. Subtract  $20 - 13$ .

7

7. What is  $3 \times 7$ ?

21

8. Divide  $16 \div 4$ .

4

9. What is  $9 + 6$ ?

15

10. Subtract  $18 - 11$ .

7

1.  $\frac{1}{2}$   $\begin{array}{r} 0.5 \\ 2 \overline{) 1.0} \\ \underline{-10} \\ 0 \end{array}$   $\frac{1}{2} = 0.5$

2.  $\frac{1}{3}$   $\begin{array}{r} 0.33 \\ 3 \overline{) 1.00} \\ \underline{-9} \downarrow \\ 10 \\ \underline{-9} \\ 1 \end{array}$   $\frac{1}{3} = 0.\overline{33}$

3.  $\frac{1}{4}$   $\begin{array}{r} 0.25 \\ 4 \overline{) 1.00} \\ \underline{-8} \downarrow \\ 20 \\ \underline{-20} \\ 0 \end{array}$

4.  $\frac{1}{5}$   $\begin{array}{r} 0.2 \\ 5 \overline{) 1.0} \\ \underline{-10} \\ 0 \end{array}$   $\frac{1}{4} = 0.25$

5.  $\frac{1}{6}$   $\begin{array}{r} 0.16 \\ 6 \overline{) 1.000} \\ \underline{-6} \downarrow \\ 40 \\ \underline{-36} \downarrow \\ 40 \end{array}$   $\frac{1}{5} = 0.2$   $\frac{1}{6} = 0.\overline{16}$

6.  $\frac{1}{8}$

$$\begin{array}{r} 0.125 \\ 8 \overline{) 1.000} \\ \underline{- 8} \phantom{00} \\ 20 \phantom{0} \\ \underline{- 16} \phantom{0} \\ 40 \\ \underline{- 40} \\ 0 \end{array}$$

7.  $\frac{2}{3}$

8.  $\frac{3}{4}$

9.  $\frac{2}{5}$

10.  $\frac{3}{5}$

$$\begin{array}{r} 0.66 \\ 3 \overline{) 2.000} \\ \underline{- 18} \phantom{00} \\ 20 \phantom{0} \\ \underline{- 18} \phantom{0} \\ 2 \end{array} \quad \frac{2}{3} = 0.6\overline{6}$$

$$\frac{3}{4} \quad \begin{array}{r} 0.75 \\ 4 \overline{) 3.00} \\ \underline{- 28} \phantom{0} \\ 20 \\ \underline{- 20} \\ 0 \end{array} \quad \frac{3}{4} = 0.75$$

$$\frac{2}{5} = 0.4 \quad \begin{array}{r} 0.4 \\ 5 \overline{) 2.0} \\ \underline{- 20} \\ 0 \end{array}$$

$$\frac{3}{5} = 0.6 \quad \begin{array}{r} 0.6 \\ 5 \overline{) 3.0} \\ \underline{- 30} \\ 0 \end{array}$$

11.  $\frac{5}{6}$

$$6 \overline{) 5.000} \quad \frac{5}{6} = 0.8\bar{3}$$

$$\begin{array}{r} 0.83 \\ \underline{6 \overline{) 5.000}} \\ -48 \downarrow \\ \hline 20 \\ -18 \downarrow \\ \hline 2 \end{array}$$

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

13.  $\frac{1}{10}$

14.  $\frac{3}{8}$

15.  $\frac{4}{5}$

$$8 \overline{) 7.0000} \quad \frac{7}{8} = 0.875$$

$$\begin{array}{r} 0.875 \\ \underline{8 \overline{) 7.0000}} \\ -64 \downarrow \\ \hline 60 \\ -56 \downarrow \\ \hline 40 \\ -40 \downarrow \\ \hline 0 \end{array}$$

$$\frac{1}{10} = 0.1 \quad 10 \overline{) 1.0}$$

$$\begin{array}{r} 0.1 \\ \underline{10 \overline{) 1.0}} \\ -10 \\ \hline 0 \end{array}$$

16.  $\frac{5}{8}$

17.  $\frac{1}{12}$

18.  $\frac{7}{10}$

19.  $\frac{9}{10}$

20.  $\frac{1}{20}$

# Homework



