

Name : \_\_\_\_\_

Score : \_\_\_\_\_ Date : \_\_\_\_\_

## Solving Equations Involving Multiplications and Divisions

Solve.

1  $28 = 4x$

6  $\frac{x}{19} = 171$

2  $13x = 156$

7  $\frac{3}{11}x = \frac{156}{4}$

3  $\frac{1}{8}x = \frac{7}{4}$

8  $\frac{5}{3}x = \frac{24}{9}$

4  $105x = 525$

9  $91x = 728$

5  $6x = 810$

10  $\frac{3}{2}x = \frac{267}{8}$

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## Solving Equations Involving Multiplications and Divisions

### Answers

1  $28 = 4x$

$x = 7$

2  $13x = 156$

$x = 12$

3  $\frac{1}{8}x = \frac{7}{4}$

$x = 14$

4  $105x = 525$

$x = 5$

5  $6x = 810$

$x = 135$

6  $\frac{x}{19} = 171$

$x = 3249$

7  $\frac{3}{11}x = \frac{156}{4}$

$x = 143$

8  $\frac{5}{3}x = \frac{24}{9}$

$x = 1\frac{3}{5}$

9  $91x = 728$

$x = 8$

10  $\frac{3}{2}x = \frac{267}{8}$

$x = 22\frac{1}{4}$