

**MMS Math 8 Expressions and Equations L1 V1**

Indicate the answer choice that best completes the statement or answers the question.

**Solve each equation. Check your work.**

\_\_\_ 1.  $\frac{4}{7}w = 24$

a. 42

b.  $24\frac{4}{7}$

c.  $23\frac{3}{7}$

d.  $13\frac{5}{7}$

\_\_\_ 2.  $\frac{3}{8}r = \frac{15}{16}$

a. 0.35

b. 0.56

c. 1.31

d. 2.5

\_\_\_ 3.  $\frac{5}{7}c = \frac{13}{14}$

a.  $1\frac{9}{14}$

b.  $1\frac{3}{10}$

c.  $\frac{65}{98}$

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

\_\_\_ 4.  $0.4t = 0.72$

a. 1.8

b. 1.12

c. 0.32

d. 0.29

\_\_\_ 5.  $-0.8g = 3.36$

a. 4.2

b. -2.69

c. -4.2

d. -4.4

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\_\_\_ 6.  $-2h = -1.46$

- a. 2.92
- b. 0.73
- c. -0.73
- d. -2.92

\_\_\_ 7.  $-\frac{7}{9}s = -\frac{1}{3}$

- a.  $-\frac{7}{27}$
- b.  $-\frac{3}{7}$
- c.  $\frac{7}{27}$
- d.  $\frac{3}{7}$

\_\_\_ 8.  $-5.2 = 0.04m$

- a. 130
- b. 0.21
- c. -0.21
- d. -130