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QUESTIONS 24

Quiz Review

Worksheets



24. Solve each equation. Verify the solution.

a) $4x + \frac{37}{5} = -17$ b) $8m - \frac{6}{7} = \frac{176}{7}$

c) $\frac{3}{4} - 5p = \frac{67}{6}$

d) $\frac{22}{8} + 10g = \frac{62}{5}$

Math 9

Name _____ ID: _____

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Solving Equations (6.1 Review)

Date _____ Period _____

Solve each equation.

1) $2 = \frac{n}{20}$

2) $5 = 15 - n$

3) $-37 = -20 + x$

4) $4a = 0$

5) $8 = \frac{x}{9} + 7$

6) $7 + \frac{a}{3} = 3$

7) $-44 = 4 + 8n$

8) $-32 = 8 - 4r$

9) $4 - 3x = -56$

10) $210 = 10 + 10n$

11) $\frac{x}{2} = -\frac{5}{6}$

12) $\frac{13}{4} = n - -2$

13) $\frac{1}{3} = -\frac{5}{3} + v$

14) $\frac{23}{4} = v - -\frac{9}{4}$

15) $44 = -4(-2 - 3n)$

16) $-3(4n - 4) = -48$

17) $-48 = 3(2x - 5)$

18) $3(3k - 2) = -42$

19) $4(1 + 3x) = -44$

20) $-4(1 + 4v) = 44$

$$25) -\frac{21}{10} = \frac{3}{4} + \frac{3}{2}n$$

$$26) -2 + \frac{2}{5}n = -\frac{29}{25}$$

$$23) \frac{5}{3}x - \frac{5}{3} = \frac{1}{2}$$

$$24) \frac{85}{14} = -\frac{3}{2}n + \frac{1}{2}$$

Answers to Solving Equations (6.1 Review) (ID: 1)

- | | | | |
|--------------------------|-------------------------|-------------------------|-------------------------|
| 1) $\{40\}$ | 2) $\{10\}$ | 3) $\{-17\}$ | 4) $\{0\}$ |
| 5) $\{9\}$ | 6) $\{-12\}$ | 7) $\{-6\}$ | 8) $\{10\}$ |
| 9) $\{20\}$ | 10) $\{20\}$ | 11) $\{-\frac{5}{3}\}$ | 12) $\{\frac{5}{4}\}$ |
| 13) $\{2\}$ | 14) $\{\frac{7}{2}\}$ | 15) $\{3\}$ | 16) $\{5\}$ |
| 17) $\{-\frac{11}{3}\}$ | 18) $\{-4\}$ | 19) $\{-4\}$ | 20) $\{-3\}$ |
| 21) $\{-2\}$ | 22) $\{\frac{7}{4}\}$ | 23) $\{\frac{13}{10}\}$ | 24) $\{-\frac{26}{7}\}$ |
| 25) $\{-\frac{19}{10}\}$ | 26) $\{\frac{21}{10}\}$ | | |

Attachments

Solving Equations (6.1 Review) .pdf