

16) $\frac{29}{24}$

17) $\frac{37}{14}$

18) $\frac{58}{21}$

19) $-\frac{1}{21}$

20) -4

21) $\frac{11}{3}$

22) $\{-4\}$

23) No Solution

24) $\{-\frac{7}{2}\}$

25) $\{-\frac{13}{3}\}$

26) $\{17, -3\}$

27) $\{-8, 8\}$

28) $\{19, -35\}$

29) $\{24, -32\}$

$$\textcircled{18} \quad 1\frac{3}{7} - (-1\frac{1}{3})$$

$$\frac{3}{3} \cdot \frac{10}{7} + \frac{4}{3} \cdot \frac{7}{7}$$

$$\frac{30}{21} + \frac{28}{21} = \frac{58}{21}$$

$$\textcircled{20} \quad \frac{8}{5} - 8 + 2\frac{2}{5}$$

$$\frac{8}{5} - \frac{40}{5} + \frac{12}{5}$$

$$-\frac{32}{5} + \frac{12}{5}$$

$$-\frac{20}{5} = -4$$

$$\frac{5}{5} \cdot 8 - \frac{40}{5}$$

$$\textcircled{29} \quad \cancel{7} \cdot \frac{|v+4|}{\cancel{7}} = 4 \cdot \frac{\cancel{7}}{1}$$

Get absolute value by itself

$$|v+4| = 28$$

DO NOT change what is inside the abs. val

$$\begin{array}{r} v+4=28 \\ -4 \quad -4 \\ \hline v=24 \end{array} \qquad \begin{array}{r} v+4=-28 \\ -4 \quad -4 \\ \hline v=-32 \end{array}$$

$$\{-32, 24\}$$

$$\textcircled{23} \quad 22 - 8n = 3 + \underbrace{2(7 - 4n)}$$

$$22 - 8n = 3 + 14 - 8n$$

$$\begin{array}{r} 22 - 8n = 17 - 8n \\ +8n \qquad +8n \\ \hline \end{array}$$

$$22 = 17$$

no solution

D
C
M
A/S
M/D

$$22) -12 + 3x = -5(x + 8) + x$$

$$-12 + 3x = \underline{-5x} - 40 + \underline{x}$$

$$\begin{array}{r} -12 + 3x = -4x - 40 \\ +4x \quad +4x \end{array}$$

$$\begin{array}{r} -12 + 7x = -40 \\ +12 \quad +12 \end{array}$$

$$\begin{array}{r} 7x = -28 \\ \underline{7} \quad \underline{7} \end{array}$$

$$x = -4$$

D
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A/S
M/D