Two-Step Equations: Decimals

Solve each equation.

1) \( \frac{11.7 + r}{6} = 5.3 \)

2) \( 14.6 - 0.2d = 10.9 \)

3) \( 4.8 = 4w + 9 \)

4) \( 6u - 8.2 = 1.9u \)

5) \( 7.5 - v = 4 \)

6) \( \frac{n + 13}{4.5} = -2.4 \)

PREVIEW

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Solve each equation.

1) \( \frac{11.7 + r}{6} = 5.3 \)
2) \( 14.6 - 0.2d = 10.9 \)
3) \( 4.8 = 4w + 9 \)
4) \( 3 = p - 12.9 \)
5) \( 7.5 - v = 4 \)
6) \( 13.9 + \frac{k}{7} = 5.3 \)
7) \( 6u - 8.2 = 1.9u \)
8) \( \frac{n + 13}{4.5} = -2.4 \)

Answers:

1) \( r = 20.1 \)
2) \( d = 18.5 \)
3) \( w = -1.2 \)
4) \( n = -23.8 \)
5) \( k = -73.5 \)
6) \( p = 14.7 \)
7) \( v = 3.5 \)
8) \( g = 55.5 \)