Name _____ Date _____ Class _____

Solve. Check each answer.

1. $4b + 3 = 15$

2. $-8 + 6f = -5$

3. $10n - 7 = -3$

_____ _____ _____

4. $4 + 3j = 43$

5. $6 - 2y = 30$

6. $6a - 13 = -5$

_____ _____ _____

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

8. $4 - \frac{m}{7} = 8$

9. $\frac{h}{4} + 5 = -7$

_____ _____ _____

10. $\frac{e}{-9} - 5 = -11$

11. $3 + \frac{k}{6} = 13$

12. $\frac{w}{3} - 6 = -11$

_____ _____ _____

Solve.

13. $11p - 9 = 46$

14. $-7v + 2 = 30$

15. $3 - \frac{z}{8} = 4$

_____ _____ _____

16. Three years of storage space cost $3,500, including a one-time moving fee of $125. What is the yearly cost?

_____

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LESSON **Homework and Practice**

11-1 *Solving Two-Step Equations*

Solve. Check each answer.

1. $4b + 3 = 15$

$b = 3$

2. $-8 + 6f = -5$

$f = \dfrac{1}{2}$

3. $10n - 7 = -3$

$n = \dfrac{2}{5}$

4. $4 + 3j = 43$

$j = 13$

5. $6 - 2y = 30$

$y = -12$

6. $6a - 13 = -5$

$a = \dfrac{4}{3}$

7. $\dfrac{x}{9} - 1 = 3$

$x = 36$

8. $4 - \dfrac{m}{7} = 8$

$m = -28$

9. $\dfrac{h}{4} + 5 = -7$

$h = -48$

10. $\dfrac{e}{-9} - 5 = -11$

$e = 54$

11. $3 + \dfrac{k}{6} = 13$

$k = 60$

12. $\dfrac{w}{3} - 6 = -11$

$w = -15$

Solve.

13. $11p - 9 = 46$

$p = 5$

14. $-7v + 2 = 30$

$v = -4$

15. $3 - \dfrac{z}{8} = 4$

$z = -8$

16. Three years of storage space cost $3,500, including a one-time moving fee of $125. What is the yearly cost?

$1,125 per year

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