Patterning and Algebra Unit 2 Line Master 9a

One-Step Equations Answers

$$4x = 44 x = 11$$

$$37 - y = 18 y = 19$$

$$p + 19 = 41 p = 22$$

$$8 = \frac{n}{7} n = 56$$

$$9r = 63$$

 $r = 7$
 $s - 11 = 38$
 $s = 49$
 $27 = 14 + t$
 $t = 13$
 $\frac{96}{v} = 12$
 $v = 8$

Patterning and Algebra Unit 2 Line Master 9b

Two-Step Equations Answers

$$3x + 2 = 32$$

 $x = 10$

$$47 - y = 15 + 7$$

 $y = 25$

$$45 - h = 14$$

 $h = 31$

$$5 = \frac{n}{15}$$

 $n = 75$

$$7a = 42$$
 $24 + 39 = 9b$ $b = 7$

$$6n = 25 + 11$$
 $51 - 21 = c + 18$ $c = 12$

$$39 = 7e + 4$$

 $e = 5$
 $g - 13 = 42 \div 6$
 $g = 20$
 $48 \div d = 4$
 $d = 12$
 $78 = 13h$
 $h = 6$

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Evaluating Expressions Answers

$$(36 + 14) \div 10 - 2$$

= 3

$$50 + 6 \times (11 - 4)$$

= 92

$$(2 + 5) \times (9 - 4)$$

= 35

$$2 + 30 \div 5 \times 3$$

= 20

$$4 + 5 \times 32 - 2$$

= 162

$$2 + 6 \times (4 + 5) \div 3$$

= 20

$$21 + 10 \times 11 \div 5$$

= 43

$$20 + 3 \times 21 \div 7$$

= 29

$$(27 - 11) \div (2 \times 4)$$

= 2

$$15 - 2 \times (17 + 4) \div 3$$

= 1

$$98 + 50 \times 3 \div 25$$

= 104