

Name \_\_\_\_\_

Date \_\_\_\_\_



## SOLVING EQUATIONS 6:2

Solve these equations by finding out the value of the variable in each question.

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1)  $4a = 36$   $a =$  \_\_\_\_\_

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2)  $b - 14 = 35$   $b =$  \_\_\_\_\_

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3)  $9c = 45$   $c =$  \_\_\_\_\_

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4)  $30 - d = 11$   $d =$  \_\_\_\_\_

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5)  $e + 120 = 500$   $e =$  \_\_\_\_\_

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6)  $6f = 240$   $f =$  \_\_\_\_\_

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7)  $\frac{1}{2}g = 12$   $g =$  \_\_\_\_\_

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8)  $24 - h = 9$   $h =$  \_\_\_\_\_

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9)  $8i = 400$   $i =$  \_\_\_\_\_

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10)  $0.4 + j = 1$   $j =$  \_\_\_\_\_

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11)  $0.5k = 7$   $k =$  \_\_\_\_\_

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12)  $l - 0.7 = 1.5$   $l =$  \_\_\_\_\_

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13)  $\frac{1}{3}m = 6$   $m =$  \_\_\_\_\_

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14)  $n + 3\frac{1}{2} = 12$   $n =$  \_\_\_\_\_

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15)  $2.3 - o = 0.5$   $o =$  \_\_\_\_\_

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16)  $4p = 6$   $p =$  \_\_\_\_\_

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17)  $0.38 + q = 1$   $q =$  \_\_\_\_\_

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18)  $5r = 3.5$   $r =$  \_\_\_\_\_

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19)  $1500 - s = 1249$   $s =$  \_\_\_\_\_

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20)  $\frac{1}{5}t = 12$   $t =$  \_\_\_\_\_

---

Name

Date



## SOLVING EQUATIONS 6:2 ANSWERS

1)	$4a = 36$	$a = \underline{9}$
2)	$b - 14 = 35$	$b = \underline{49}$
3)	$9c = 45$	$c = \underline{5}$
4)	$30 - d = 11$	$d = \underline{19}$
5)	$e + 120 = 500$	$e = \underline{380}$
6)	$6f = 240$	$f = \underline{40}$
7)	$\frac{1}{2}g = 12$	$g = \underline{24}$
8)	$24 - h = 9$	$h = \underline{15}$
9)	$8i = 400$	$i = \underline{50}$
10)	$0.4 + j = 1$	$j = \underline{0.6}$
11)	$0.5k = 7$	$k = \underline{14}$
12)	$l - 0.7 = 1.5$	$l = \underline{2.2}$
13)	$\frac{1}{3}m = 6$	$m = \underline{18}$
14)	$n + 3\frac{1}{2} = 12$	$n = \underline{8\frac{1}{2} \text{ or } 8.5}$
15)	$2.3 - o = 0.5$	$o = \underline{1.8}$
16)	$4p = 6$	$p = \underline{1.5 \text{ or } 1\frac{1}{2}}$
17)	$0.38 + q = 1$	$q = \underline{0.62}$
18)	$5r = 3.5$	$r = \underline{0.7}$
19)	$1500 - s = 1249$	$s = \underline{251}$
20)	$\frac{1}{2}t = 12$	$t = \underline{60}$