

Name

Date



CALCULATE THE EXPRESSION 6:2

Write an expression that matches the statement.

EXPRESSION	WHEN	VALUE
<i>Example</i> $15 - x$	$x = 7$	$15 - 7 = 8$
1) $a / 4$	$a = 20$	
2) $b + 2.5$	$b = 8.5$	
3) $1 - c$	$c = 0.24$	
4) $0.5 d$	$d = 14$	
5) $e - 1.6$	$e = 4$	
6) $\frac{1}{5} f$	$f = 35$	
7) g^2	$g = 7$	
8) $3.5 - h$	$h = 0.9$	
9) $32 / i$	$i = 4$	
10) $2j + 3$	$j = 16$	
11) $3k - 1$	$k = 3$	
12) $2 l + 7$	$l = 13$	
13) $2m - 5$	$m = 6$	
14) $12 - 2n$	$n = 4$	
15) $2(o + 1)$	$o = 8$	
16) $3(p - 2)$	$p = 5$	
17) $\frac{1}{2} q - 4$	$q = 20$	
18) $\frac{1}{2} (r + 3)$	$r = 7$	
19) $\frac{s + 2}{3}$	$s = 10$	
20) $t^2 + 3$	$t = 4$	

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CALCULATE THE EXPRESSION 6:2 ANSWERS

EXPRESSION	WHEN	VALUE
<i>Example</i> $15 - x$	$x = 7$	$15 - 7 = 8$
1) $a / 4$	$a = 20$	$20 / 4 = 5$
2) $b + 2.5$	$b = 8.5$	$8.5 + 2.5 = 11$
3) $1 - c$	$c = 0.24$	$1 - 0.24 = 0.76$
4) $0.5 d$	$d = 14$	$0.5 \times 14 = 7$
5) $e - 1.6$	$e = 4$	$4 - 1.6 = 2.4$
6) $\frac{1}{5} f$	$f = 35$	$\frac{1}{5} \times 35 = 7$
7) g^2	$g = 7$	$7^2 = 49$
8) $3.5 - h$	$h = 0.9$	$3.5 - 0.9 = 2.6$
9) $32 / i$	$i = 4$	$32 / 4 = 8$
10) $2j + 3$	$j = 16$	$2 \times 16 + 3 = 32 + 3 = 35$
11) $3k - 1$	$k = 3$	$3 \times 3 - 1 = 9 - 1 = 8$
12) $2 l + 7$	$l = 13$	$2 \times 13 + 7 = 26 + 7 = 33$
13) $2m - 5$	$m = 6$	$2 \times 6 - 5 = 12 - 5 = 7$
14) $12 - 2n$	$n = 4$	$12 - 2 \times 4 = 12 - 8 = 4$
15) $2(o + 1)$	$o = 8$	$2 (8 + 1) = 2 \times 9 = 18$
16) $3(p - 2)$	$p = 5$	$3(5 - 2) = 3 \times 3 = 9$
17) $\frac{1}{2} q - 4$	$q = 20$	$\frac{1}{2} \times 20 - 4 = 10 - 4 = 6$
18) $\frac{1}{2} (r + 3)$	$r = 7$	$\frac{1}{2} (7 + 3) = \frac{1}{2} \times 10 = 5$
19) $\frac{s + 2}{3}$	$s = 10$	$\frac{10 + 2}{3} = \frac{12}{3} = 4$
20) $t^2 + 3$	$t = 4$	$4^2 + 3 = 16 + 3 = 19$