



EXPRESSIONS AND EQUATIONS 6:2

1)	What is the value of the expressions $\frac{1}{3} a$ when $a=24$?	
2)	Solve the equation $b - 0.7 = 1.2$	
3)	Write the expression that matches the statement: <i>multiply c by 4 and then add 1 to the result.</i>	
4)	What is the value of the expression $15 - 3d$ when $d=4$?	
5)	Solve the equation $e - 0.8 = 1.7$	
6)	Write the expression that matches the statement: <i>multiply f by 0.3</i>	
7)	What is the value of the expression $\frac{1}{5} g$ when $g=45$.	
8)	Solve the equation: $\frac{1}{4} h = 12$.	
9)	Write the expression that matches the statement: <i>double i and then subtract 5 from the result.</i>	
10)	What is the value of the expression: $8 - j$ when $j=3.9$?	
11)	Solve the equation: $4k = 1.2$	
12)	Write the expression that matches the statement: <i>divide 12 by l</i>	
13)	What is the value of the expression $7m - 23$ when $m=5$?	
14)	Solve the equation: $2000 - n = 1465$.	
15)	Write the expression that matches the statement: <i>add 1 to o and then double the result.</i>	
16)	What is the value of the expression: $5p + 3\frac{1}{2}$ when $p = \frac{1}{2}$?	
17)	Solve the equation: $0.8 q = 3.2$	
18)	Write the expression that matches the statement: <i>halve r and then subtract 3 from the result.</i>	



EXPRESSIONS AND EQUATIONS 6:2 ANSWERS

1)	What is the value of the expressions $\frac{1}{3}a$ when $a=24$?	$\frac{1}{3} \times 24 = 8$
2)	Solve the equation $b - 0.7 = 1.2$	$b = 1.9$
3)	Write the expression that matches the statement: <i>multiply c by 4 and then add 1 to the result.</i>	$4c + 1$
4)	What is the value of the expression $15 - 3d$ when $d=4$?	$15 - 3 \times 4 = 3$
5)	Solve the equation $e - 0.8 = 1.7$	$e = 2.5$
6)	Write the expression that matches the statement: <i>multiply f by 0.3</i>	$0.3f$
7)	What is the value of the expression $\frac{1}{5}g$ when $g=45$.	$\frac{1}{5} \times 45 = 9$
8)	Solve the equation: $\frac{1}{4}h = 12$.	$h = 48$
9)	Write the expression that matches the statement: <i>double i and then subtract 5 from the result.</i>	$2i - 5$
10)	What is the value of the expression: $8 - j$ when $j=3.9$?	$8 - 3.9 = 4.1$
11)	Solve the equation: $4k = 1.2$	$k = 0.3$
12)	Write the expression that matches the statement: <i>divide 12 by l</i>	$\frac{12}{l}$
13)	What is the value of the expression $7m - 23$ when $m=5$?	$7 \times 5 - 23 = 12$
14)	Solve the equation: $2000 - n = 1465$.	$n = 535$
15)	Write the expression that matches the statement: <i>add 1 to o and then double the result.</i>	$2(o + 1)$ or $2o + 2$
16)	What is the value of the expression: $5p + 3\frac{1}{2}$ when $p = \frac{1}{2}$?	$5 \times \frac{1}{2} + 3\frac{1}{2} = 6$
17)	Solve the equation: $0.8q = 3.2$	$q = 4$
18)	Write the expression that matches the statement: <i>halve r and then subtract 3 from the result.</i>	$\frac{1}{2}r - 3$