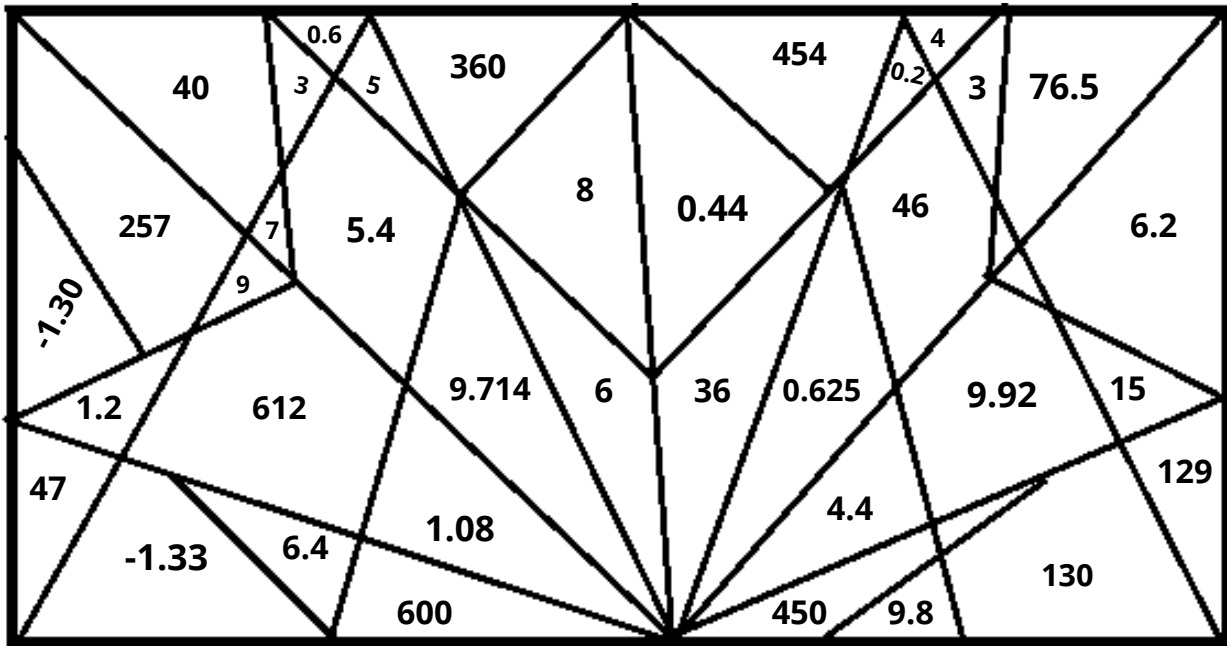


# Answer, find & shade

## SUBSTITUTION



Find the value of each expression if  $m=6$  &  $n=28$

1.  $8 + 2m \div 4 + n$
2.  $9n + 5$
3.  $(m + n) + 16m$
4.  $(3n - 16) \div 7$
5.  $(7m - 6) + (15n - 2)$
6.  $18(m + n)$

Find the value of each expression if  $x=2, y=5, z=3$

7.  $\frac{(xyz + yxz)^2}{10}$
8.  $\frac{x^2 + y^2 + z^2 + 28}{11}$
9.  $\frac{14 + 2y + 4x + 10y}{9 - x + z}$
10.  $(xyz/yz)^2 + (12y/xy)^2$
11.  $z^2 + (30 - 5y + 16x)$
12.  $\frac{2a^2 + 4c^2}{ab}$

Find the value of each expression if  $a=1/2, b=5/2, c=3/2$

13.  $\frac{(a - b)(a + b)}{a + b + c}$
14.  $\frac{ab + bc + ca}{5a + 2c + 3b}$
15.  $18a(b^2 + c^2)$
16.  $\frac{b}{a} + \frac{c - a}{b}$
17.  $\frac{a^2 - b^2}{a^2 + b^2} + 2a + 2b + 2c$
18.  $\frac{a + 2b + 5a + c}{a^2 + b^2 + c^2}$