y is inversely proportional to x and
y=10 when x = 5.
Find y when x = 100

y is directly proportional to x^2 and
y=50 when x = 5.
Find y when x=6.

y is inversely proportional to x and
y=10 when x = 5.
Find an equation connecting x and y.

y is inversely proportional to x^2 and
y=1 when x = 2.
Find an equation connecting x and y.

y is inversely proportional to x^2 and
y=1 when x = 2.
Find y when x = 3

y is directly proportional to the square root of x and y=6 when x = 9.
Find y when x = 16.

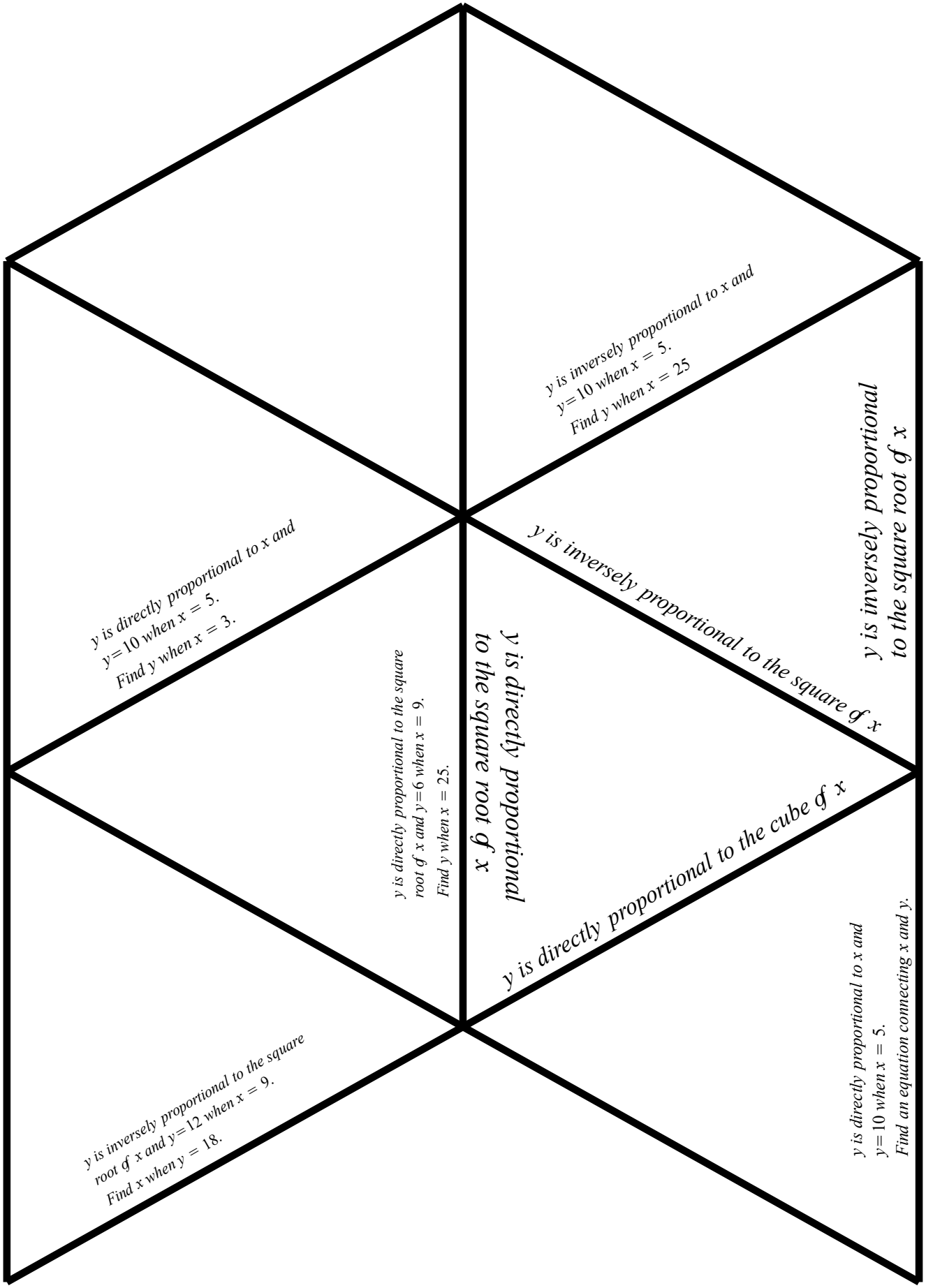
y is inversely proportional to x^2 and
y=1 when x = 2.
Find y when x = 0.1

y is inversely proportional to x

y is directly proportional to x^2 and
y=50 when x = 5.
Find an equation connecting x and y.

y is directly proportional to x and
y=10 when x = 20.
Find an equation connecting x and y.

y is directly proportional to x^3 and
y=16 when x = 2.
Find an equation connecting x and y.



y is directly proportional to x

y is directly proportional to the square of x

y is directly proportional to x and
$y = 10$ *when* $x = 5$.
Find x when $y = 3$.

y is directly proportional to x and
$y = 10$ *when* $x = 5$.
Find y when $x = 12$.

y is directly proportional to the cube
of x and $y = 32$ *when* $x = 2$.
Find x when $y = 500$.

y is inversely proportional to x^2 *and*
$y = 1$ *when* $x = 2$. *Find x when* $y = \frac{4}{9}$

y is directly proportional to x^2 *and*
$y = 50$ *when* $x = 5$.
Find y when $x = 10$.

y is inversely proportional to the square
root of x and $y = 12$ *when* $x = 9$.
Find y when $x = 16$.

y is directly proportional to the square
root of x and $y = 6$ *when* $x = 9$.
Find x when $y = 30$.

y is inversely proportional to x and
$y = 10$ *when* $x = 5$.
Find y when $x = 2.5$