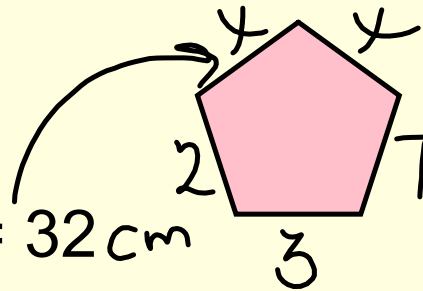


1) $2m + 1, m=5$

2) $\frac{1}{4}$ of 48 =

3) $(+5) - (-9) =$

4) Find the x , perimeter = 32 cm

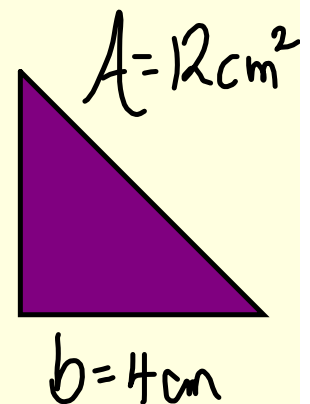


5) What is the median of the data:
2,5,9,9,14

6) Find the height of the triangle:

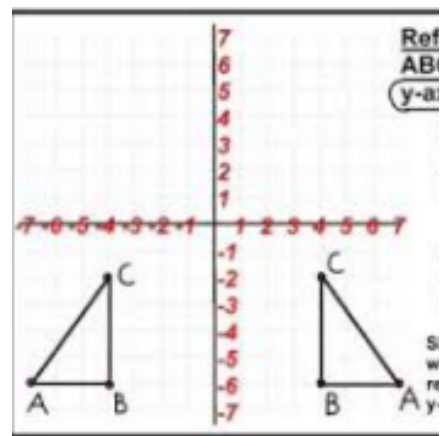
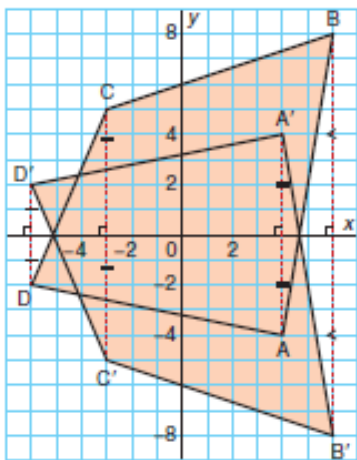
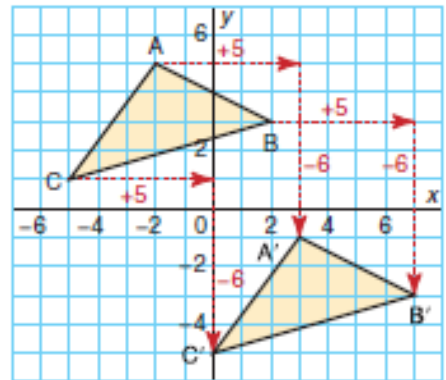
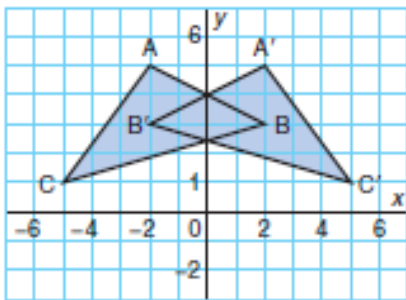
7) $42 \times 20 =$

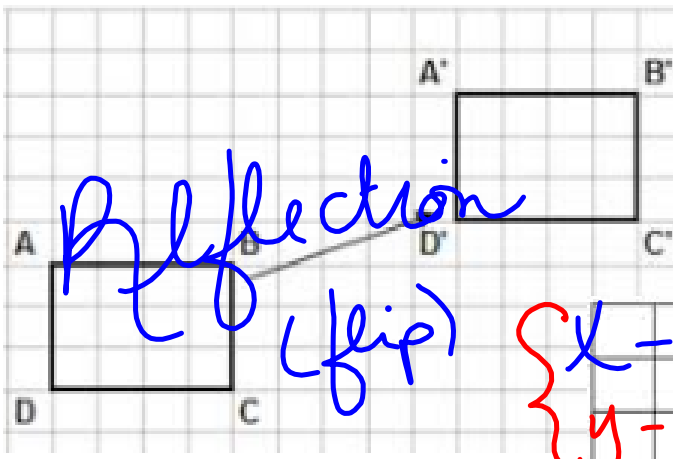
8) 5 less than a number doubled



Jerry makes some photocopies.
He pays 25¢ for a copy-card,
plus 8¢ for each copy he makes.
Jerry paid a total of 81¢.
How many photocopies did
Jerry make?

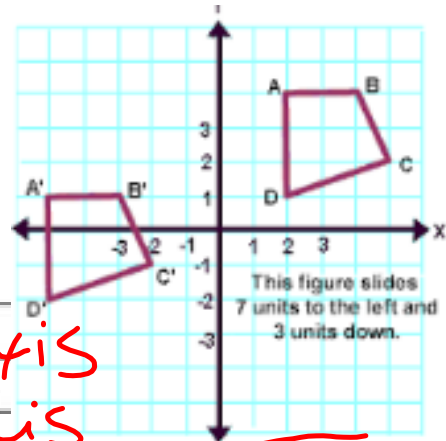






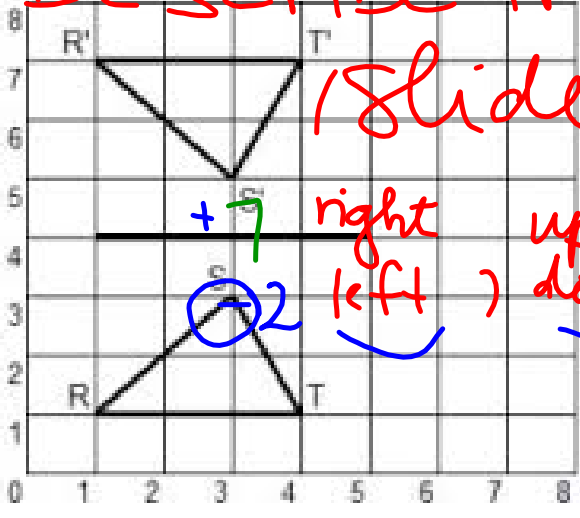
Reflection
(flip)

x-axis
y-axis



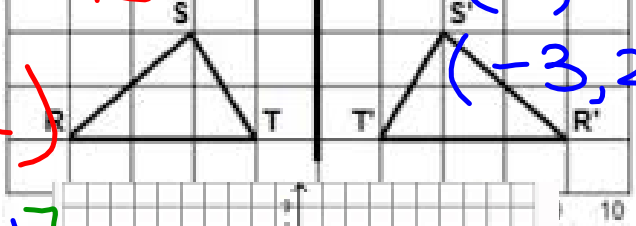
This figure slides
7 units to the left and
3 units down.

Describe translation (7, -2)

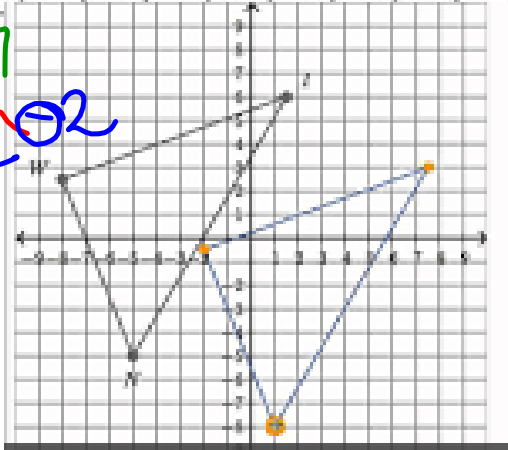


(slide)

+7 right
-2 left
up +7
down -2



(-3, 2)



512 x 288 - khanacademy.org

orientations.

- 5.a) $A'(1, -3)$, $B'(3, 2)$, $C'(-2, -5)$,
 $D'(-1, 4)$, $E'(0, 3)$, $F'(-2, 0)$;
 the sign of each y -coordinate changes.
- b) $A'(-1, 3)$, $B'(-3, -2)$, $C'(2, 5)$,
 $D'(1, -4)$, $E'(0, -3)$, $F'(2, 0)$;
 the sign of each x -coordinate changes.
- c) The coordinates of the image should match the patterns in parts a and b.
- 6.b) $A(1, 3)$, $B(3, -2)$, $C(-2, 5)$, $D(-1, -4)$,
 $E(0, -3)$, $F(-2, 0)$; $A'(-3, 1)$, $B'(-1, -4)$,
 $C'(-6, 3)$, $D'(-5, -6)$, $E'(-4, -5)$, $F'(-6, -2)$;
 Each x -coordinate decreases by 4.
 Each y -coordinate decreases by 2.
- c) Use the pattern in part b: add the number of units moved to the right or subtract the number of units moved to the left from the x -coordinate. Add the number of units moved up or subtract the number of units moved down from the y -coordinate.
- 7.b) The line segments are horizontal. The y -axis is the perpendicular bisector of each line segment.
- 8.b) $A'(6, 10)$, $B'(8, 10)$, $C'(8, 8)$, $D'(10, 8)$,
 $E'(10, 12)$
- c) $A''(-6, 10)$, $B''(-8, 10)$, $C''(-8, 8)$, $D''(-10, 8)$,
 $E''(-10, 12)$
- d) Answers may vary. For example: $ABCDE$ and $A''B''C''D''E''$ are congruent, but have different orientations.
- 9.e) Translation 12 units right and 6 units down

Assignment...