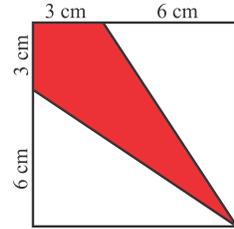


Math 4a. Homework 20.

1. Mary is allowed to play videogames on Mondays, Fridays, and on the odd days of the month. What is the highest number of consecutive days she can play videogames? a. 7    b. 6    c. 4    d. 3    e. 2

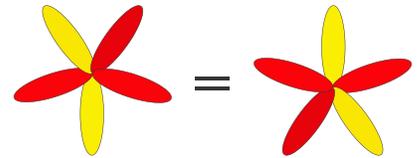
2. Which fraction of the square is red?

- a.  $\frac{1}{3}$ ,    b.  $\frac{1}{4}$ ,    c.  $\frac{1}{5}$ ,    d.  $\frac{3}{8}$ ,    e.  $\frac{2}{9}$



3. Julia wants to draw a flower with 5 petals. She wants to color in the flower with 2 colors, red and yellow. How many different flowers can she draw using these two colors if the flowers can also be just one color?

- a. 6    b. 7    c. 8    d. 9    e. 10



4. Which number is represented by      if

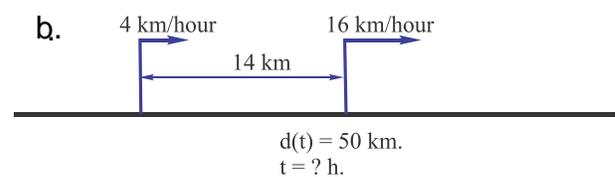
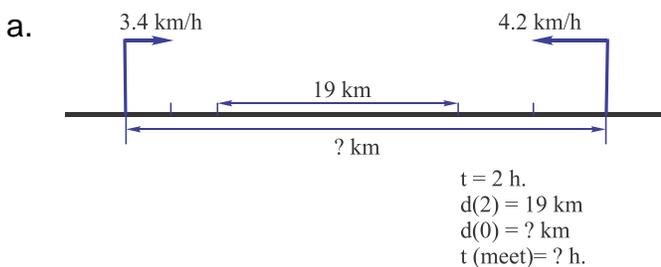
$$\triangle + \triangle + 6 = \triangle + \triangle + \triangle + \triangle$$

- a. 2    b. 3    c. 4    d. 5    e. 6

5. Compute in your head, just write the answer, try to do it as fast as possible:

- |                      |                      |
|----------------------|----------------------|
| a. $3.2 + 7.5$ ;     | h. $5.6 + 3.4$ ;     |
| b. $9.2 - 2$ ;       | i. $3.14 - 1.9$ ;    |
| c. $8 - 1.7$ ;       | j. $4.5 + 0.63$ ;    |
| d. $2.8 + 0.7$ ;     | k. $3.2 : 0.01$ ;    |
| e. $0.06 + 2.9$ ;    | l. $2.4 \cdot 10$ ;  |
| f. $12.5 - 0.05$ ;   | m. $5.8 \cdot 0.1$ ; |
| g. $2.78 - 1.28$ ;   | n. $9.2 : 100$ ;     |
| o. $0.7 \cdot 0.4$ ; |                      |

6. Come up with the word problems corresponding to the pictures below and solve them:



7. On a grid (graph) paper draw the coordinate system. Mark the points  $A(0;2)$ ,  $B(2;6)$ ,  $C(8;8)$ ,  $D(6,4)$ . Draw the quadrilateral. Find the coordinate of the intersection of the diagonals. Use ruler! Try to be accurate!