

1) Write the following fractions as decimals:

a. $\frac{2}{10}$

b. $\frac{42}{1000}$

c. $\frac{7}{25}$

d. $\frac{1}{8}$

e. $\frac{2}{3}$;

(challenge) f. $\frac{4}{7}$

2) Find the following percentages.

a. 20% of 150

b. 15% of 10

c. 120% of 70

d. .1% of 10,000

e. 1.7% of 2.3

- 3) The holiday store is running a Valentines Day special, selling people a package deal of a Valentines card, a box of candy, and a bouquet of flowers. There are three choices for what Valentines card you can pick. You can pick three kinds of candy out of five available. And there are eight different types of flowers you can choose from for your six flowers-bouquet.

How many possible combinations of Valentines Day packages are there?

- 4) Using a compass and straight edge, draw at least 2 angles, and construct their angle bisectors.

As always, feel free to be creative with this problem!