

Homework # 10 - Due 11/19

1. Saquon is shopping around to have t-shirts made for a school club.

- Shop A sells its T-shirts at a constant rate of \$8 per shirt
- Shop B sells its T-shirts at a constant rate of \$10 per shirt
- Shop C sells its T-shirts at a rate of \$12 per shirt
- Shop D sells its T-shirts at the constant rate shown in the table below:

Number of T-shirts	Price
2	\$16
3	\$24
4	\$32
5	\$40

Which shop sells its T-shirts at the same rate as Shop D?

1. Shop A
2. Shop B
3. Shop C
4. None of the above

2. There are 15 boys and 45 girls competing in a race. What is the ratio of girls to boys in the race, in lowest terms?

Answer:

:

3. Gary used 8 gallons of gas to travel 176 miles. How many miles can Gary travel on 1 gallon of gas?

1. 20
2. 21
3. 22
4. 23

4. Pasquale types at a rate of 60 words per minute. If he types at a constant rate, how many words can Pasquale type in 4 minutes?

1. 15
2. 56
3. 64
4. 240

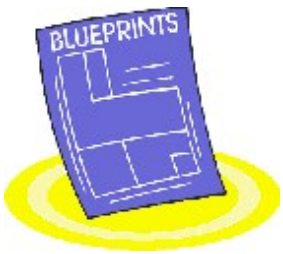
5. The ratio of girls to boys in Mr. Smith's class is 7:13. The table below contains some examples of equivalent ratios. Find the value of the missing number, x , in the table below.

Mr. Smith's Class

Girls	Boys
14	26
28	52
42	x

1. 91
2. 78
3. 68
4. 65

6.



The Barbosa family is in the process of adding a deck off their morning room. The blueprint of the deck has a scale of 1 in. = 5 ft. The actual deck is 45 ft. long. How long is the deck on the blueprint?

1. 6 inches
2. 9 inches
3. 5 inches
4. 4.5 inches

7. Which of the following is the greatest common factor of 16 and 40?

1. 16
2. 2
3. 8
4. 4

8. 14 plums cost \$2.00. What is the cost, to the nearest cent, of 50 plums?

Answer: \$

9. What is the least common multiple of 3, 6, 8 ?

1. 21 2. 22

3. 23 4. 24