Do Now: Check your answers to the review.

1. n = -332. n = -2

11. x = 6

3. x = 51/7

Perimeter = 36 units 12. \$0.50

13. k = -3/2

4. x = 145. \$112

14. p = -19/9

6. 90 green

15. q = 7/44

30 yellow

16. m = 0.04

7. b = 18

17. e = -1.0418. a = 7.45

8. x = -3 9. c = -21/4

19. 3.5 pounds of each

10. k = -1/3

20. More than 33 videos

> -234f-25 =7f

One video rental club charge \$25 to become a member and \$2.50 to rent each video. Another charges no membership fee, but charges \$3.25 to rent each video. How many videos must you rent to make the first club more economical?

Do Now: Do not copy. Write an equation and

solve.

You must cent 33 videos to make the First club more economical.

Answers to the Workbook

8. -6.2

(10.)4.3

11. -5/2

12. 44/39

15. \$2.15; \$37.65

(19.) 25/227<mark>-</mark>

5. During a sale, a tire store is offering \$40 off) the price of a second tire when one tire is purchased for full price A customer paid \$184 for two tires during the sale. What is the regular price of one tire, in dollars?

Tire 2= X-40 Tire 1 + Tire 2 = Total

Total=#184

x + x - 40 = 184

6. You have a total of 120 marbles. Each marble is either green or yellow. You have three times as many green marbles as vellow marbles. How many green marbles do you have? How many yellow marbles do

Green marbles = $3 \times$ Green + Yellow = Total Yellow marbles = \times $3 \times + \times = 120$

Total = 120

11. A triangle is isosceles if it has two sides the same length. Find the value of so that the triangle is isosceles. Then find the perimeter) (Diagram not drawn to scale.)

3x-3= x+9 3x - 3 x + 9

12. You are buying a bagel for a brunch. The bagels cost \$4 a dozen, but cost more if bought individually. You can buy 4 dozen and 8 singles for the same price as 40 singles. How much is a single bagel?

Duzen + Single = Single Only 4(4) + 8x = 40x

pound, and nectarines cost \$2.18 per pound. You buy the same amount of each and spend \$12.11) How much did you buy of each? Tangerines = 1.28p Tangerines + Nectarines = Total

Nectarines = 2.18p 1.28p + 2.18p = 12.11

19. At a store tangerines cos(\$1.28)per

20. One video rental club charges \$25 to become a member and \$2.50 to rent each video. Another charges no membership fee, but charges \$3.25 to rent each video. How many videos must you rent to make the first club more economical?

Quiz Review 6.1-6.3

7.NS 7.EE

- SWBAT solve multi-step equations, involving variables on both sides
- SWBAT represent and analyze situations using algebraic symbols.

Calculators: Yes









































