Final Exam Review Due Friday, May 19

Solve each equation.

1) $-15 + k = -29$

2) $\dfrac{k}{3} = 13$

3) A stray dog ate 28 of your muffins. That was $\dfrac{7}{10}$ of all of them! With how many did you start?

4) After paying $4.29 for a salad, Abhasra has $19.34. With how much money did she start?

Solve each proportion.

5) $\dfrac{7}{2} = \dfrac{8}{a}$

6) $\dfrac{4}{10} = \dfrac{m}{8}$

Solve each equation.

7) $-108 = 9n + 9$

8) $-37 = -2 - 5k$

9) Kim bought a magazine for $3 and seven notepads. She spent a total of $17. How much did each notepad cost?

10) Gabriella won 58 pieces of gum playing basketball at the county fair. At school she gave four to every student in her math class. She only has 6 remaining. How many students are in her class?

Solve each equation.

11) $133 = 7(5v - 6)$

12) $-91 = -7(1 + 4n)$

13) $38 - 5m = -7(2m + 1)$

14) LEAVE THIS PROBLEM BLANK

15) $-4(4 + 2x) + 4(1 + 6x) = 8x + 4x$

16) $-9(-6 - 6x) = -12(5x + 5)$

17) $5\dfrac{5}{12} = \dfrac{1}{2}v + 6 - \dfrac{5}{3}v$

18) $-4\dfrac{1}{10} = -\dfrac{11}{6}m + 1\dfrac{5}{6} - 3$

Answers to Final Exam Review Due Friday, May 19 (ID: 1)

1) $\{-14\}$

3) 40

5) $\{2.29\}$

7) $\{-13\}$

9) $\$2$

11) $\{5\}$

13) $\{-5\}$

15) $\{3\}$

17) $\left\{\dfrac{1}{2}\right\}$