

Math Concepts HW 17 3.10.15

Show your steps in your MATH SPIRAL.

A class has 9 boys, 10 girls and 1 teacher. Write each ratio three ways...

- 1) The ratio of girls to boys 2) The ratio of boys to girls.
3) The ratio of boys to students 4) The ratio of students to teachers.

5) $\frac{3}{8} = \frac{\quad}{16}$ 6) $\frac{3}{4} = \frac{\quad}{20}$ 7) $\frac{5}{6} = \frac{\quad}{18}$ 8) $\frac{7}{9} = \frac{\quad}{36}$ 9) $\frac{4}{7} = \frac{\quad}{56}$ 10) $\frac{3}{10} = \frac{\quad}{100}$

11) If the ratio of horses to riders is 1:2, and there are 6 horses, then how many riders are there?

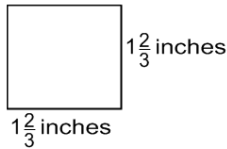
12) If the ratio of chocolate chips to cookies is 8:1, then how many chips are in 4 cookies?

13) $0.06 \cdot 0.03$ 14) $0.35 \cdot 0.9$ 15) $3.2 \cdot 4$ 16) $2\frac{1}{3} \cdot 3\frac{3}{4}$ 17) $\frac{1}{3}$ of $2\frac{1}{4}$ 18) $93\frac{2}{3} + 27\frac{3}{7}$

19) Change $\frac{11}{25}$ to a decimal. 20) Change 0.29 to a fraction. 21) Change $\frac{1}{50}$ to a decimal.

22) The ratio of good guys to bad guys in the movie was 2:3. If there were 30 good guys, how many bad guys were threatening the planet?

23) Find the area.



24) Find the shaded area.

