1) 19.017 + 2.88	2) 4.13 + 21.21
3) 30.69 - 29.18	4) 12.02 - 6.069

1) $\dfrac{4}{7}$ $\dfrac{1}{2}$	2) $\dfrac{3}{5}$ $\dfrac{2}{3}$
3) $\dfrac{2}{5}$ $\dfrac{1}{9}$	4) 6 $\dfrac{4}{5}$
5) – –	6) $\dfrac{1}{3}$ $1\dfrac{2}{5}$
7) $6\dfrac{5}{8}$ $\dfrac{2}{3}$	8) $5\dfrac{7}{8}$ $\dfrac{5}{16}$

1) $\dfrac{4}{7}$ $\dfrac{1}{2}$	2) $\dfrac{3}{5}$ $\dfrac{2}{3}$
3) $\dfrac{2}{5}$ $\dfrac{1}{9}$	4) 6 $\dfrac{4}{5}$

2

5) $3\frac{2}{3}$ $\frac{5}{8}$	6) $\frac{1}{3}$ $1\frac{2}{5}$
7) $6\frac{5}{8}$ $\frac{2}{3}$	8) $5\frac{7}{8}$ $\frac{5}{16}$

1) Convert $\frac{3}{4}$ to a decimal and a percent.	2) Convert $\frac{4}{5}$ to a decimal and a percent.
3) Convert $\frac{3}{8}$ to a decimal and a percent.	4) Convert $\frac{1}{8}$ to a decimal and a percent.

1) Which of these fractions is the largest? $\frac{1}{2}$ $\frac{3}{8}$ $\frac{4}{7}$ $\frac{19}{36}$	2) Which of these fractions is the smallest?. $\frac{1}{10}$ $\frac{1}{8}$ $\frac{1}{7}$ $\frac{1}{36}$

3
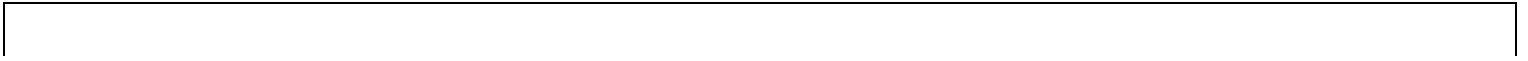
1) $\dfrac{}{43}$ $\dfrac{}{9}$	2) $\dfrac{3}{}$ $\dfrac{4}{8}$
3) $\dfrac{12}{9}$ $\dfrac{}{12}$	4) $\dfrac{}{8}$ $\dfrac{7}{2}$

1) Solve: 14 3x + 2	2) Solve: 2x - 4 - 2
3) Solve: 2(x – 4) - 3 > 21	4) Solve: 9 > 7 - 4x

1) Write an algebraic expression that represents "six less than half a number, x?"
2) Dawn is 3 years older than her sister Sara. If Dawn's age is represented by x, which expression represents Sara's age?
3) Cindy has four more than five times as many cousins as Kathy, k. Write an expression that represents how many cousins Cindy has compared with Kathy?
4) Sarah collects stamps and keeps them in envelopes. She had 9 envelopes with a certain number of stamps, , in each envelope. She sells 3 of the envelopes. Find an expression that represents the number of stamps Sarah has left.

5

1. An art teacher mixes 20 ounces of yellow paint with 8 ounces of red paint. How many ounces of yellow

7. Mrs. Meier had $\frac{3}{5}$ kg of sugar. She used $\frac{1}{4}$ of it to make cookies. How much sugar did she use to make the cookies?

8. Natalie cuts a raffia $4\frac{4}{5}$ m long into 8 pieces of equal length. What is the length of each piece of raffia? Give the answer in meters.

9. Four friends evenly split $6\frac{1}{2}$ liters of soda. How many liters of soda does each one get?

10. If $\frac{1}{4}$ of a container holds 6 cups of water, how many cups of water does $\frac{1}{8}$ of the same container hold?

11. The length of a page in a particular book is 8 inches. The top and bottom margins are both $\frac{7}{8}$ inch. How long is the page   the margins, in inches?

12. Lauren spent $\frac{3}{5}$ of her money on a refrigerator that cost $900. How much money did Lauren start with?

8

1. The Red Sox team played 160 games and won 65% of them. How many games did they win?

2. A basketball player took 400 shots during a season and scored on 40% of them. How many baskets did she score?

3. A gasoline tank holds 20 gallons. If the tank is already 25% full, how many gallons of gasoline are needed to fill the tank?

4. When the local department store put all of its shirts on sale for 20% off, Jason saved a total of $30 by purchasing four shirts. What was the total price of the four shirts before the sale?

5. Twelve students participated in a science competition to represent Montana State University. If they are 15% of the total number of science majors, how many students are majoring in science at MSU?

6. If 6 feet of a 30-foot pole are underground, what percent of the pole's length is above the ground?

7. Stacy won 8 of the 20 tennis games she played. What percent of the games did she win?

8. If 320 out of 500 families in a city have computers, what percentage of the families has computers?

9. Mr. Jenkins wants to distribute 40 fliers. He has distributed 30 fliers so far. What percent of the total number of fliers has Mr. Jenkins distributed?

10. If $\frac{3}{5}$ of John's stamps are Canadian stamps, what perc