Name: _____ Date: _____

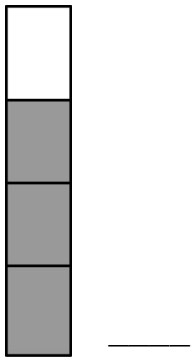
BLM 7–2

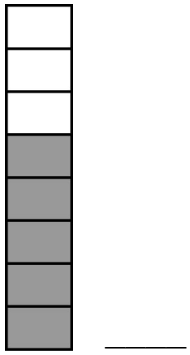
Add and Subtract Fractions

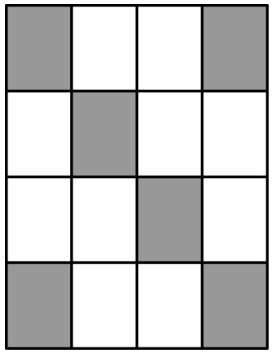
1. Identify all the whole numbers that are

a) between 8 and 12 _____
b) between 657 and 660 _____
c) between 39.2 and 41.9 _____
d) even and between 2 and 7 _____
e) multiples of 2 between 488 and 492 _____
f) multiples of 10 between 95 and 125 _____
g) multiples of 6 greater than 58 and less than 70 _____

2. Write the fraction shaded in each diagram.

a)  _____

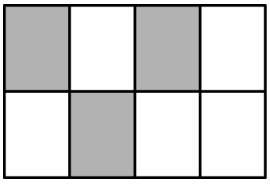
b)  _____

c)  _____

3. Write the fraction shaded in each diagram.

a)  _____

b)  _____

c)  _____

4. A fraction has a denominator of 8.

a) What numerator would give it a value close to 1? _____
b) What numerator would give it a value slightly greater than $\frac{1}{2}$? _____
c) What numerator would give it a value as little as possible? _____

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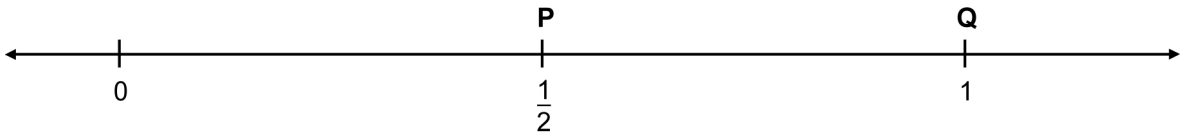
BLM 7–2
(continued)

5. Use the following diagram to answer parts a) and b).



a) List two fractions between P and Q. _____ and _____

b) Identify one fraction between P and Q that has a denominator of 8. _____

6. List the fractions between 0 and $\frac{1}{2}$ that have 8 in the denominator. _____

7. Write the next three fractions in the pattern. $\frac{1}{4}, \frac{1}{6}, \frac{1}{8}$, _____, _____, _____

8. Which is greater $\frac{1}{5}, \frac{1}{6}$, or $\frac{1}{7}$? _____

Explain how you know. _____

9. A fraction has a denominator of 32.

a) What numerator would give a fraction with a value as little as possible? _____

b) What numerator would give a fraction with a value a little less than $\frac{1}{4}$? _____

c) What numerator would give a fraction with a value of $\frac{5}{8}$? _____

10. Use the following cards to make fractions of the form $\frac{\square}{\square}$ that satisfy each statement below.

2	3	4	5	6

a) Equal to $\frac{1}{2}$ _____ and _____

b) >1 _____

11. a) Which letters on the number line represent proper fractions? _____

b) Which letters on the number line represent mixed fractions? _____