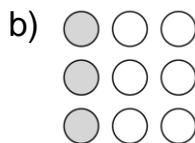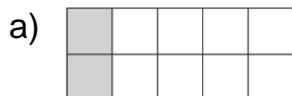Name _____   Grade 5 _____

Extra Practice 1

Lesson 1: Equivalent Fractions

1. Write two equivalent fractions for the shaded part of each picture:

   a)   b)

2. Draw a picture to show that $\frac{1}{2} = \frac{3}{6}$.

3. Write three more equivalent fractions.

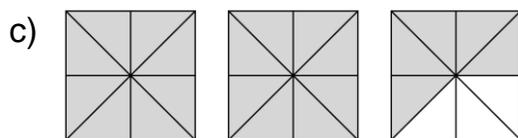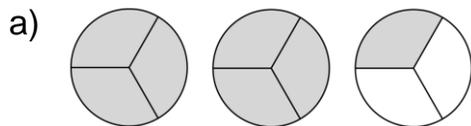   a) $\frac{1}{5}$, $\frac{2}{10}$, _____ , _____ , _____   b) $\frac{3}{4}$, $\frac{6}{8}$, _____ , _____ , _____

Extra Practice 1

Lesson 2: Fractions and Mixed Numbers

1. Write a mixed number and an improper fraction for each picture.
   a)

   b)

   c)

2. Write an improper fraction for each mixed number.
   a) $3\frac{5}{8}$ b) $5\frac{1}{3}$ c) $6\frac{1}{4}$ d) $3\frac{1}{8}$

Extra Practice 2

Lesson 3: Comparing and Ordering Fractions

1.
```
├─────────────────────────────────┤
0                                 1
```

```
├─────────────────────────────────┤
0                                 1
```

Show thirds on one line. Show twelfths on the other line.

Use the number lines. Which fraction is greater? $\frac{2}{3}$ or $\frac{7}{12}$

2. Order the fractions from least to greatest.

   a) $\frac{1}{3}, \frac{1}{2}, \frac{1}{4}$ b) $1\frac{3}{8}, \frac{7}{8}, 1$ c) $\frac{5}{2}, \frac{9}{3}, \frac{13}{6}$

3. Use >, <, or = to make each of the following a true statement.

   a) $\frac{9}{10} \square \frac{13}{10}$ b) $\frac{11}{5} \square 1\frac{9}{10}$ c) $\frac{3}{4} \square \frac{9}{12}$

Extra Practice 2

Lesson 4: Relating Fractions to Decimals

1. Write each fraction as a decimal.

   a) $\frac{7}{10}$ b) $\frac{21}{100}$ c) $4\frac{3}{4}$

2. Complete the equivalent fraction. Then write each fraction as a decimal.

   a) $\frac{7}{20} = \frac{}{100} = $ _____   b) $3\frac{3}{4} = 3\frac{}{100} = $ _____

3. Tamara jumped $2\frac{3}{4}$ m in the long jump. Write how far she jumped as a decimal.

Extra Practice 3

Lesson 5: Fraction and Decimal Benchmarks

1. Complete the table.

Decimal	Lower Benchmark	Upper Benchmark	Nearest Benchmark
0.95			
0.54			
0.02			
0.7			

2. Describe how you could use benchmarks to compare $\frac{5}{8}$ and 0.48.

Extra Practice 3

Lesson 6: Relating Fractions to Division

1. Write each division statement as a fraction.

   a) 7 ÷ 9   b) 3 ÷ 8   c) 14 ÷ 8   d) 11 ÷ 4

2. Write each fraction as a division statement.

   a) $\frac{17}{3}$ b) $\frac{1}{5}$ c) $\frac{7}{12}$ d) $\frac{24}{6}$

3. Brenna has 15 m of ribbon to make awards for 9 children.
   How much ribbon can she use for each award, assuming she uses the same amount of material for each one?

Extra Practice 4

Lesson 7: Estimating Products and Quotients

1. Estimate each product or quotient.
   a) 2.9 × 8   b) 6.04 × 9   c) 9.58 × 7   d) 16.7 × 4
   e) 4.27 × 4   f) 24.12 × 5   g) 0.94 × 6   h) 3.98 × 12
    i) 59.89 ÷ 6   j) 23.19 ÷ 3   k) 17.91 ÷ 6   l) 9.64 ÷ 5

2. Alex rode around the block 4 times for a total distance of 15.64 km.
   About how far is it around the block?

Extra Practice 4

Lesson 8: Multiplying Decimals with Tenths

1. Estimate first. Then multiply.
   a) 7.2 × 4   b) 6.8 × 3   c) 11.9 × 8   d) 0.9 × 7
   e) 10.6 × 9   f) 44.9 × 3   g) 24.1 × 3   h) 99.9 × 8

2. Jasmine travels on her bike to and from school every day.
   She lives 1.3 km from the school.
   a) How far does Jasmine travel each day?
   b) How far does she travel each week?

Extra Practice 5

Lesson 9: Multiplying Decimals with Hundredths

1. Multiply.
   a) 3.09 × 5   b) 7.42 × 8   c) 9.86 × 7
   d) 12.25 × 3   e) 0.78 × 4   f) 1.01 × 9

2. Estimate. Then multiply.
   a) 5.14 × 8   b) 3.72 × 6   c) $2.51 × 5   d) 0.68 × 9

Extra Practice 5

Lesson 11: Dividing Decimals with Tenths

1. Estimate each quotient.
   a) 45.7 ÷ 9   b) 27.9 ÷ 7   c) 13.1 ÷ 4

2. Divide. Use multiplication to check.
   a) 8.1 ÷ 3   b) 12.6 ÷ 2   c) 189.6 ÷ 6
   d) 37.6 ÷ 4   e) 0.8 ÷ 2   f) 123.5 ÷ 5

Extra Practice 6

Lesson 12: Dividing Decimals with Hundredths

1. Estimate.
   a) 3.98 ÷ 4   b) 0.76 ÷ 3   c) 25.08 ÷ 5
   d) 4.72 ÷ 5   e) 15.94 ÷ 4   f) $48.31 ÷ 7

2. Divide. Multiply to check.
   a) 9.76 ÷ 2   b) $18.74 ÷ 2   c) 32.58 ÷ 6
   d) 6.04 ÷ 4   e) 12.42 ÷ 6   f) 0.08 ÷ 2

3. Harry earned $15.95.
   He had exactly enough money to buy 5 glow pens.
   How much did Harry pay for each pen?