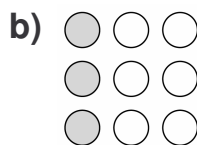
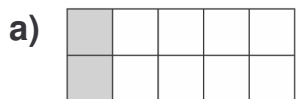


Master 8.34

Extra Practice 1

Lesson 1: Equivalent Fractions

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



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

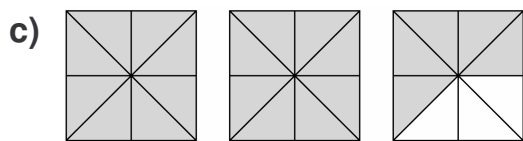
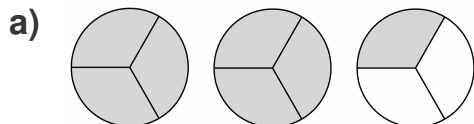
3. Write three more equivalent fractions.

a) $\frac{1}{5}, \frac{2}{10}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$

b) $\frac{3}{4}, \frac{6}{8}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$

Lesson 2: Fractions and Mixed Numbers

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



2. Write an improper fraction for each mixed number.

a) $3\frac{5}{8}$

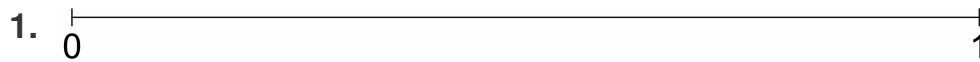
b) $5\frac{1}{3}$

c) $6\frac{1}{4}$

d) $3\frac{1}{8}$

Extra Practice 2

Lesson 3: Comparing and Ordering Fractions



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 statement true.

a) $\frac{9}{10} \square \frac{13}{10}$

b) $\frac{11}{5} \square 1\frac{9}{10}$

c) $\frac{3}{4} \square \frac{9}{12}$

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) $\frac{7}{20} = \frac{\quad}{100} = \underline{\quad}$

b) $3\frac{3}{4} = 3\frac{\quad}{100} = \underline{\quad}$

3. Tamara coloured $2\frac{3}{4}$ of a square. Write how much of the square she coloured 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.

Lesson 6: Relating Fractions to Division

1. Write each division statement as a fraction.

a) $7 \div 9$

b) $3 \div 8$

c) $14 \div 8$

d) $11 \div 4$

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) $59.89 \div 6$

j) $23.19 \div 3$

k) $17.91 \div 6$

l) $9.64 \div 5$

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

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 a Whole Number by a Number Less Than 1

1. Find each product in the first column.

Use the results to find each product in the second column.

a) 84×9	84×0.9	b) 427×9	427×0.9
84×8	84×0.8	427×8	427×0.8
84×7	84×0.7	427×7	427×0.7
84×6	84×0.6	427×6	427×0.6
84×5	84×0.5	427×5	427×0.5
84×4	84×0.4	427×4	427×0.4
84×3	84×0.3	427×3	427×0.3
84×2	84×0.2	427×2	427×0.2
84×1	84×0.1	427×1	427×0.1

2. Multiply.

a) 27×8	b) 634×5	c) 3685×9
27×0.8	634×0.5	3685×0.9

Lesson 10: 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) $\$2.51 \times 5$	d) 0.68×9
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Extra Practice 6**Lesson 12: Dividing Decimals with Tenths**

1. Estimate each quotient.

a) $45.7 \div 9$

b) $27.9 \div 7$

c) $13.1 \div 4$

2. Divide. Use multiplication to check.

a) $8.1 \div 3$

b) $12.6 \div 2$

c) $189.6 \div 6$

d) $37.6 \div 4$

e) $0.8 \div 2$

f) $123.5 \div 5$

Lesson 13: Dividing Decimals with Hundredths

1. Estimate.

a) $3.98 \div 4$

b) $0.76 \div 3$

c) $25.08 \div 5$

d) $4.72 \div 5$

e) $15.94 \div 4$

f) $\$48.31 \div 7$

2. Divide. Multiply to check.

a) $9.76 \div 2$

b) $\$18.74 \div 2$

c) $32.58 \div 6$

d) $6.04 \div 4$

e) $12.42 \div 6$

f) $0.08 \div 2$

3. Harry earned \$15.95.

He had exactly enough money to buy 5 glow pens.

How much did Harry pay for each pen?

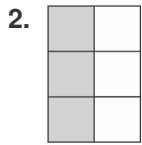
Master 8.40

Extra Practice Answers

Extra Practice 1 – Master 8.34

Lesson 1

1. a) $\frac{4}{10}$ or $\frac{2}{5}$ b) $\frac{3}{9}$ or $\frac{1}{3}$



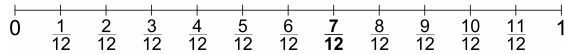
3. a) $\frac{3}{15}, \frac{4}{20}, \frac{5}{25}$
 b) $\frac{9}{12}, \frac{12}{16}, \frac{15}{20}$

Lesson 2

1. a) $2\frac{1}{3}, \frac{7}{3}$ b) $1\frac{3}{5}, \frac{8}{5}$ c) $2\frac{5}{8}, \frac{21}{8}$
 2. a) $\frac{29}{8}$ b) $\frac{16}{3}$
 c) $\frac{25}{4}$ d) $\frac{25}{8}$

Extra Practice 2 – Master 8.35

Lesson 3



$\frac{2}{3} > \frac{7}{12}$

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

Lesson 4

1. a) 0.7 b) 0.21 c) 4.75
 2. a) $\frac{35}{100} = 0.35$ b) $3\frac{75}{100} = 3.75$
 3. 2.75 m

Extra Practice 3 – Master 8.36

Lesson 5

Lower Benchmark	Upper Benchmark	Nearest Benchmark
0.75	1	1
0.5	0.75	0.5
0	0.25	0
0.5	0.75	0.75

2. $\frac{5}{8}$ is greater than $\frac{4}{8}$, which is 0.5.
 0.5 is greater than 0.48, so $\frac{5}{8}$ is greater than 0.48.

Lesson 6

1. a) $\frac{7}{9}$ b) $\frac{3}{8}$
 c) $\frac{14}{8}$ d) $\frac{11}{4}$
 2. a) $17 \div 3$ b) $1 \div 5$
 c) $7 \div 12$ d) $24 \div 6$
 3. $\frac{15}{9}$ m, or $1\frac{6}{9}$ m, or $1\frac{2}{3}$ m

Extra Practice 4 – Master 8.37

Lesson 7

1. a) About 24 b) About 54
 c) About 70 d) About 68
 e) About 16 f) About 96
 g) About 6 h) About 48
 i) About 10 j) About 8
 k) About 3 l) About 2
 2. About 4 km

Lesson 8

1. a) About 28; 28.8
 b) About 21; 20.4
 c) About 96; 95.2
 d) About 7; 6.3
 e) About 99; 95.4
 f) About 135; 134.7
 g) About 72; 72.3
 h) About 800; 799.2
 2. a) 2.6 km b) 13 km

Extra Practice 5 – Master 8.38

Lesson 9

1. a) 756 75.6 b) 3843 384.3
672 67.2 3416 341.6
588 58.8 2989 298.9
504 50.4 2562 256.2
420 42 2135 213.5
336 33.6 1708 170.8
252 25.2 1281 128.1
168 16.8 854 85.4
84 8.4 427 42.7
3. a) 216 b) 3170 c) 33 165
21.6 317 3316.5

Lesson 10

1. a) 15.45 b) 59.36 c) 69.02
d) 36.75 e) 3.12 f) 9.09
2. a) About 40; 41.12
b) About 24; 22.32
c) About 15; 12.55
d) About 9; 6.12

Extra Practice 6 – Master 8.39

Lesson 12

1. a) About 5 b) About 4 c) About 3
2. a) 2.7 b) 6.3 c) 31.6
d) 9.4 e) 0.4 f) 24.7

Lesson 13

1. a) About 1 b) About 0.3 c) About 5
d) About 1 e) About 4 f) About \$7
2. a) 4.88 b) \$9.37 c) 5.43
d) 1.51 e) 2.07 f) 0.04
3. \$3.19