

Fractions Made Easy - Answer Key

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1. 4
2. Yes
3. 1
4. 3
5. one-fourth
6. Answers will vary. Sample answer: There are four parts and one part is shaded, so the name of the shaded part is one-fourth.
7. fourth
8. $\frac{1}{4}$

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1. 4
2. Yes
3. 3
4. 1
5. three-fourths
6. Answers will vary. Sample answer: There are four parts and three parts are shaded, so the name of the shaded part is three-fourths.
7. fourth
8. $\frac{3}{4}$

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1. 6; 5; $\frac{5}{6}$; five-sixths
2. 8; 1; $\frac{1}{8}$; one-eighth
3. 3; 2; $\frac{2}{3}$; two-thirds
4. 8; 3; $\frac{3}{8}$; three-eighths

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1. 3; 1; $\frac{1}{3}$
2. 6; 5; $\frac{5}{6}$

3. 4; 1; $\frac{1}{4}$

4. 8; 3; $\frac{3}{8}$

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1. $\frac{1}{3}$; one-third
2. $\frac{3}{8}$; three-eighths
3. $\frac{2}{3}$; two-thirds
4. $\frac{5}{6}$; five-sixths

Page 13

$\frac{3}{4}$



; Answers will vary.

$\frac{5}{8}$



$\frac{1}{6}$



$\frac{2}{3}$



Page 14

$\frac{1}{4}$



; Answers will vary.

$\frac{7}{8}$



$\frac{5}{6}$



$\frac{3}{3}$



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1. 3; 2; $\frac{2}{3}$; two-thirds
2. 6; 5; $\frac{5}{6}$; five-sixths
3. 8; 1; $\frac{1}{8}$; one-eighth
4. 3; 3; $\frac{3}{3}$; three-eighths

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1. 6; 4; $\frac{4}{6}$; four-sixths
2. 8; 3; $\frac{3}{8}$; three-eighths
3. 4; 3; $\frac{3}{4}$; three-fourths
4. 4; 1; $\frac{1}{4}$; one-fourth

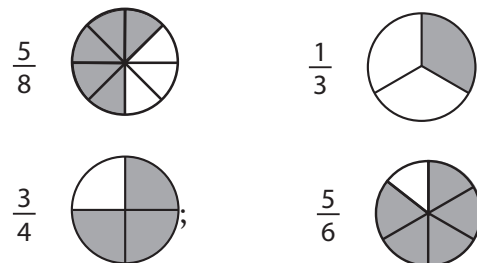
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1. 3; 2; $\frac{2}{3}$
2. 6; 5; $\frac{5}{6}$
3. 4; 3; $\frac{3}{4}$
4. 8; 3; $\frac{3}{8}$

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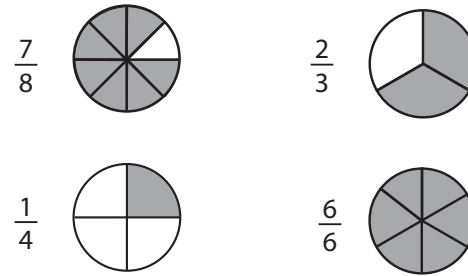
1. $\frac{1}{4}$; one-fourth
2. $\frac{3}{8}$; three-eighths
3. $\frac{1}{3}$; one-third
4. $\frac{5}{6}$; five-sixths

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Bottom: Answers will vary.

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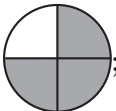


Bottom: Answers will vary.

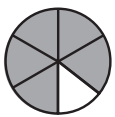
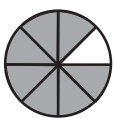
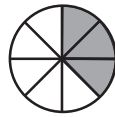
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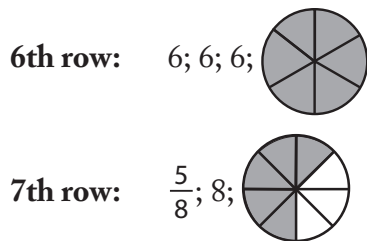
1. 8; 7; 7; 8; $\frac{7}{8}$
2. 6; 5; 5; 6; $\frac{5}{6}$
3. 3; 1; 1; 3; $\frac{1}{3}$
4. 4; 3; 3; 4; $\frac{3}{4}$

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1. 1; 3; $\frac{1}{3}$
2. 5; 6; $\frac{5}{6}$
3. ; $\frac{1}{6}$
4. ; $\frac{3}{4}$

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- 2nd row: 5; 6; 
- 3rd row: 7; 8; 
- 4th row: $\frac{3}{8}$; 
- 5th row: 3; 2; 3; 



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1. 3; 1; $\frac{1}{3}$ 2. five-sixths; $\frac{5}{6}$

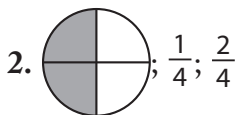
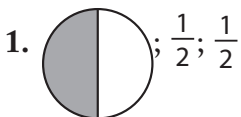


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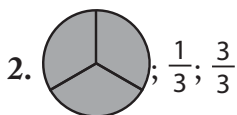
1. 4; 4; $\frac{4}{4}$ 2. two-eighths; $\frac{2}{8}$



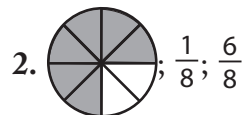
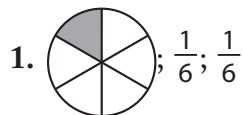
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1. $\frac{2}{3}$ 2. $\frac{1}{8}$

3. 1st row: $\frac{3}{8}$

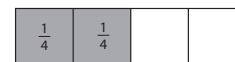
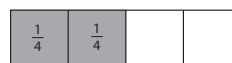
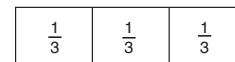
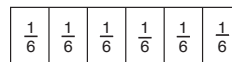
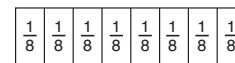
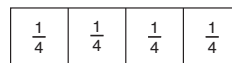
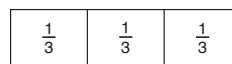
2nd row: $\frac{4}{6}$

3rd row: 5; $\frac{1}{8}$

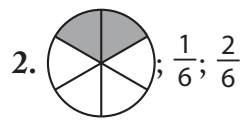
4th row: 3; $\frac{1}{3}$; $\frac{2}{3}$

5th row: $\frac{2}{2}$

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1. $\frac{3}{4}$

2. $\frac{1}{6}$

3. 1st row: $\frac{1}{8}$

2nd row: $\frac{2}{6}$

3rd row: $7; \frac{1}{8}$

4th row: $1; \frac{1}{3}; \frac{1}{3}$

5th row: $\frac{3}{4}$

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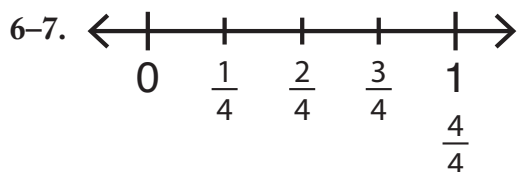
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1. 4

2. 4

3. $\frac{1}{4}$

4. 4



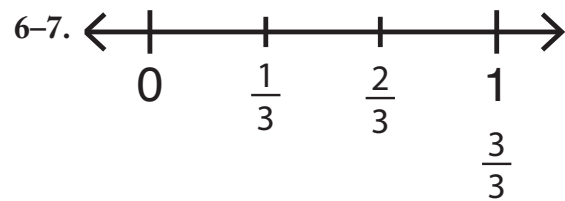
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1. 3

2. 3

3. $\frac{1}{3}$

4. 3



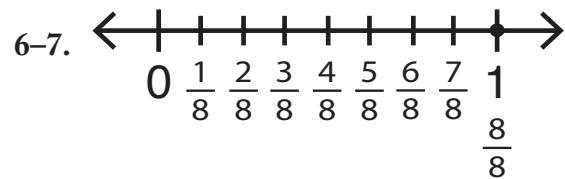
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1. 8

2. 8

3. $\frac{1}{8}$

4. 8



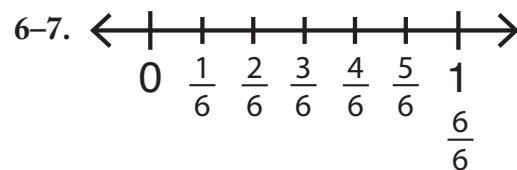
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1. 6

2. 6

3. $\frac{1}{6}$

4. 6



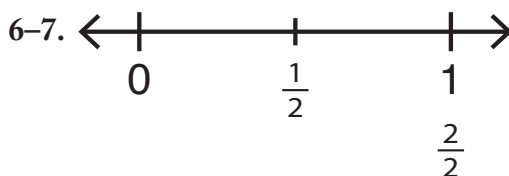
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1. 2

2. 2

3. $\frac{1}{2}$

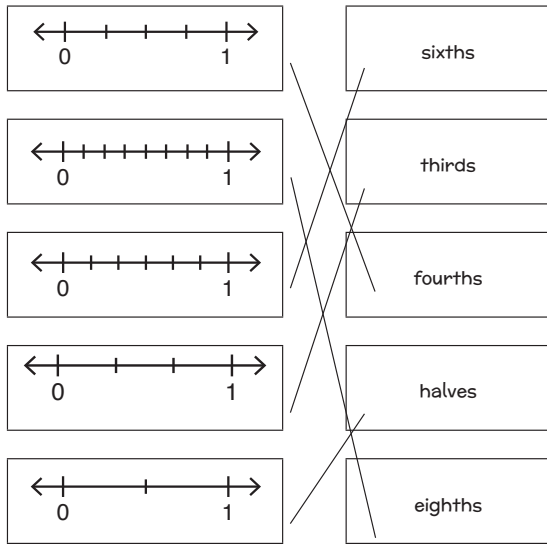
4. 2



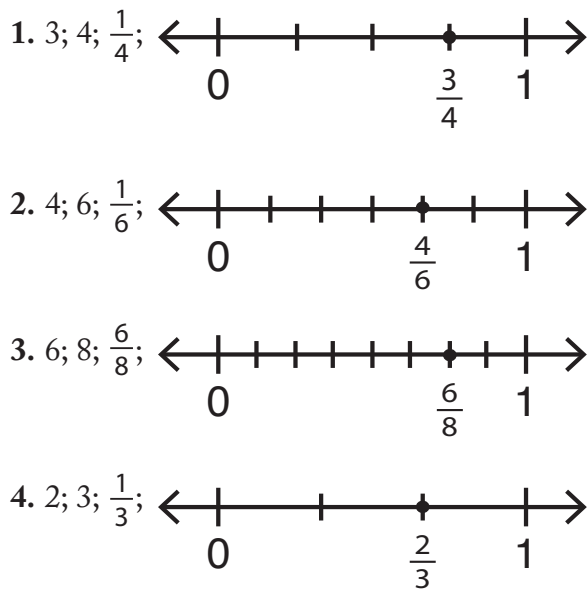
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1. No
2. Yes
3. Yes
4. No
5. Yes

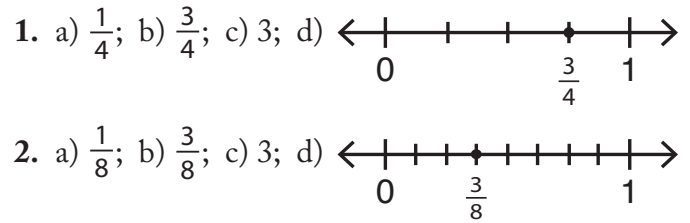
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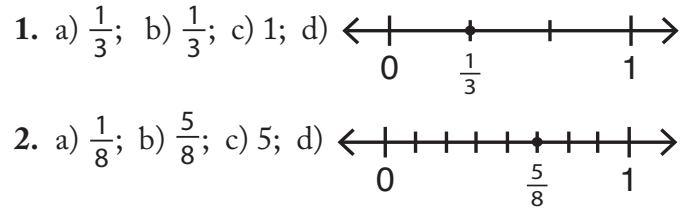
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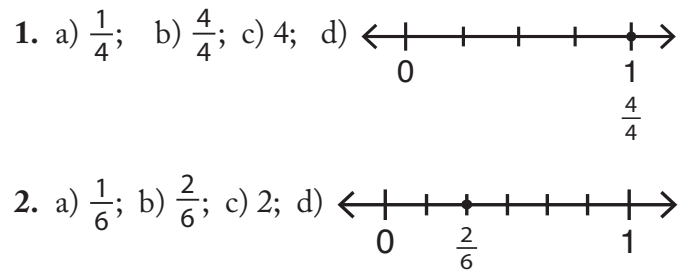
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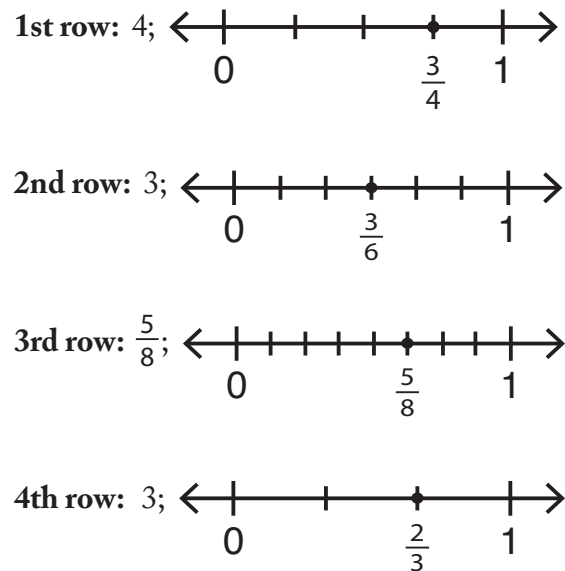
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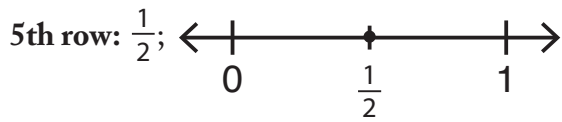


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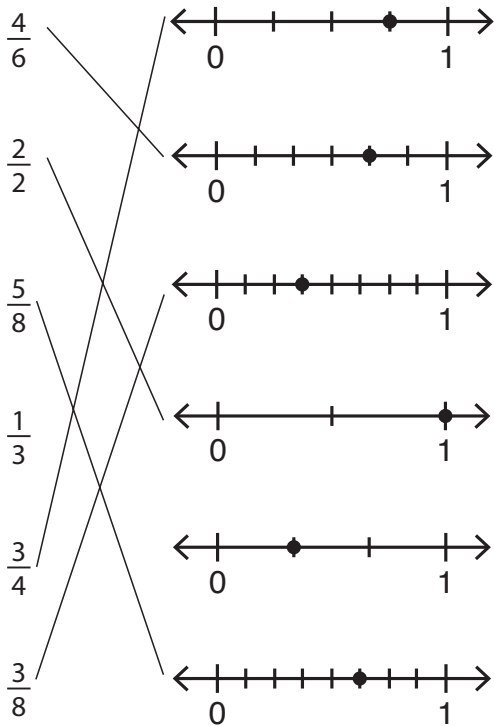


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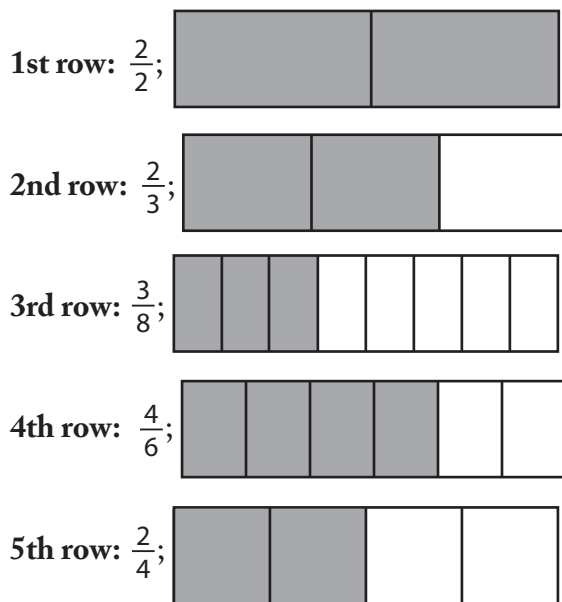




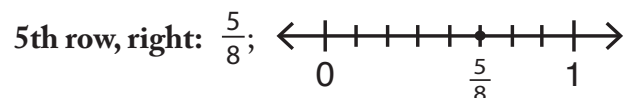
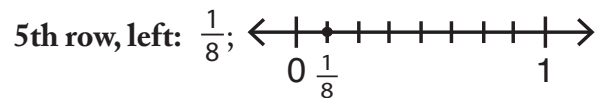
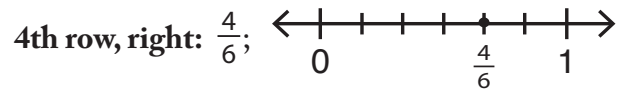
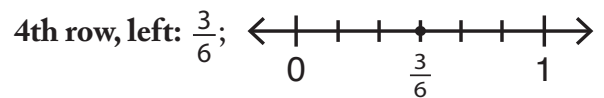
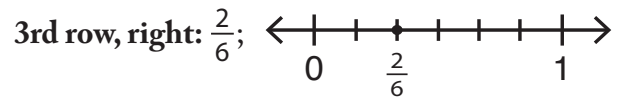
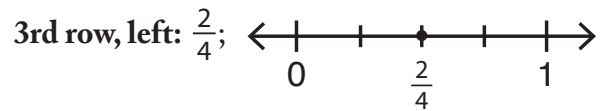
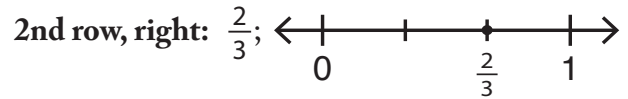
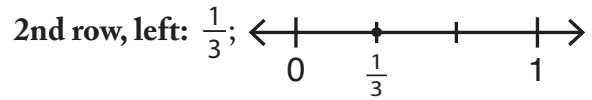
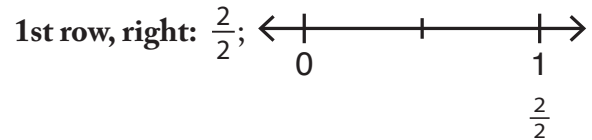
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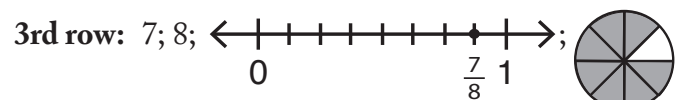
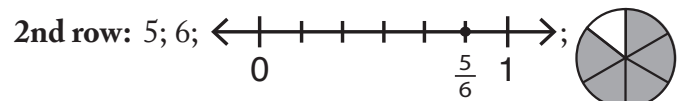
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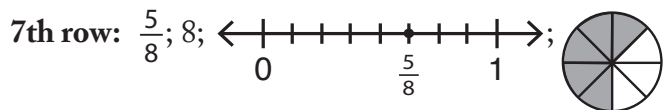
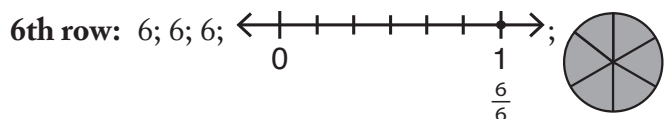
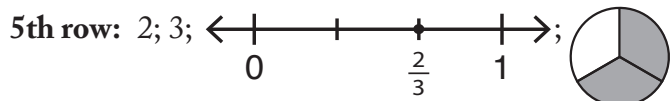


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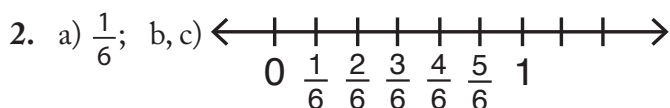
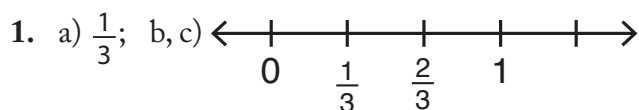


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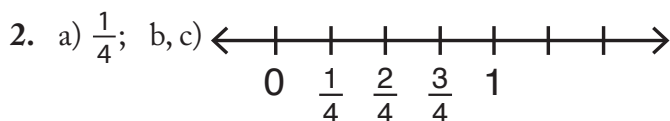
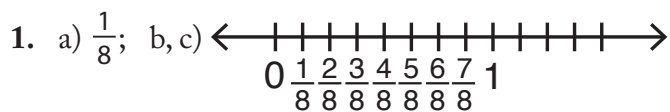




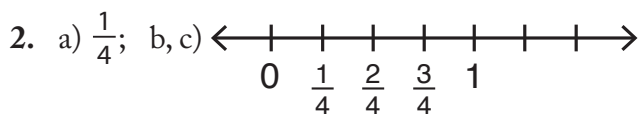
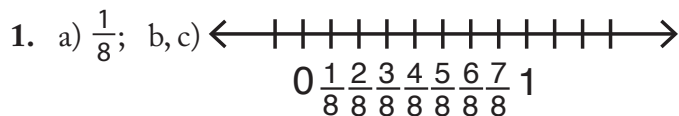
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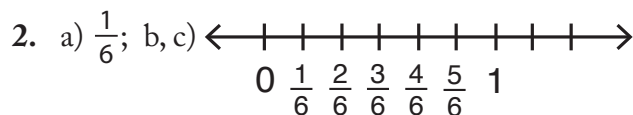
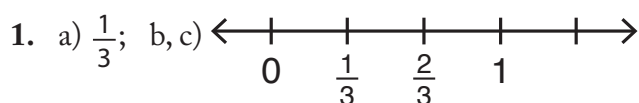
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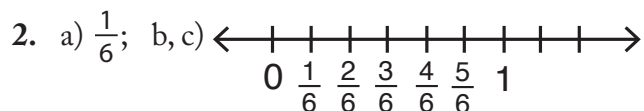
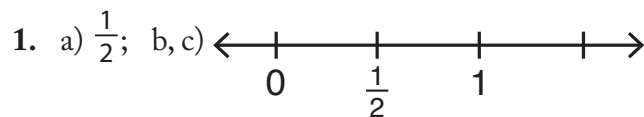
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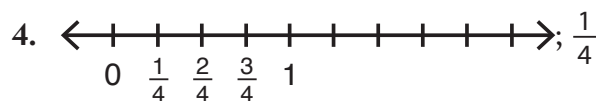
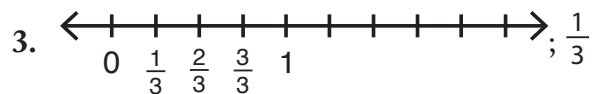
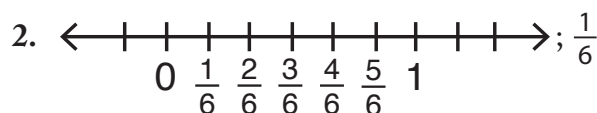
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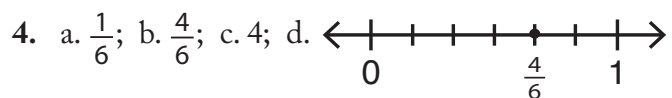
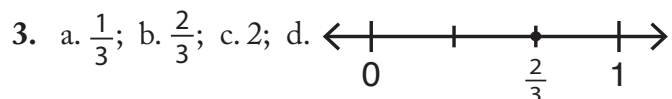
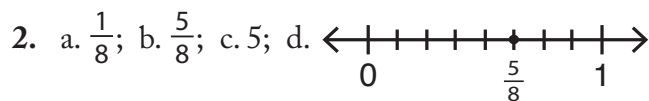
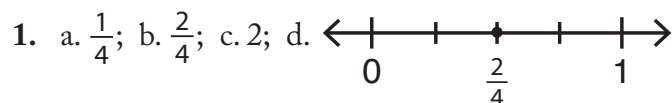
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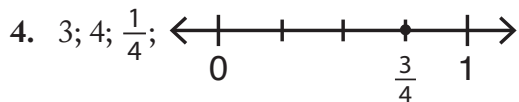
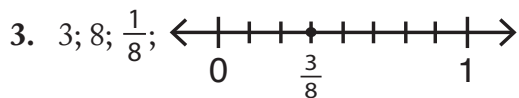
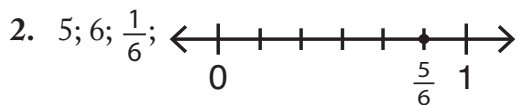
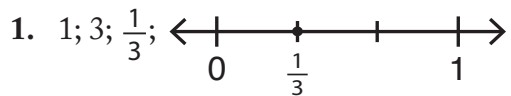
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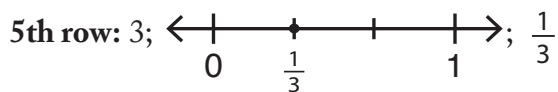
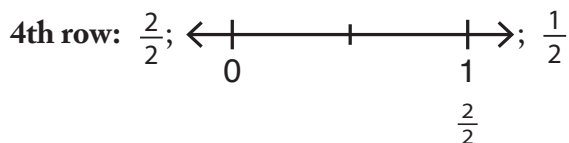
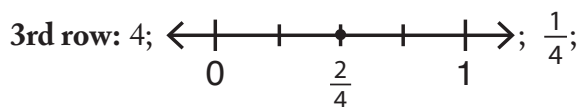
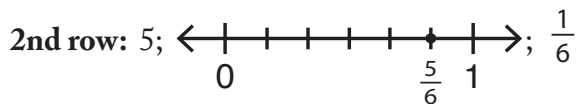
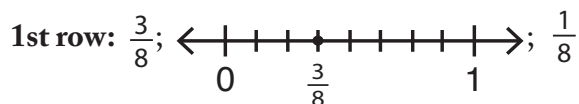
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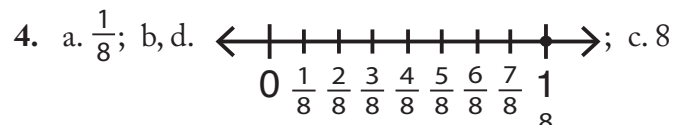
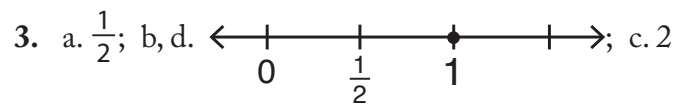
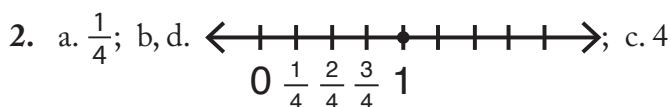
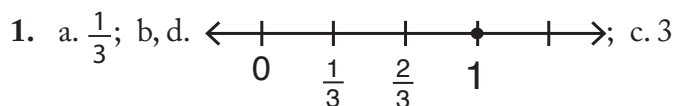
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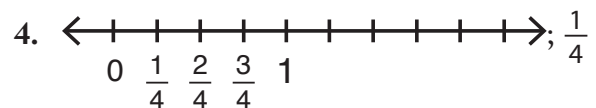
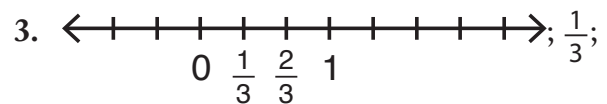
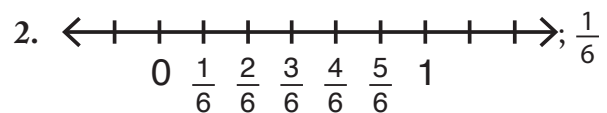
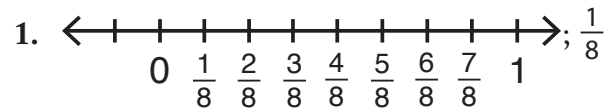
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Page 86

- | | |
|--------|--------|
| 1. No | 2. No |
| 3. Yes | 4. Yes |
| 5. No | 6. Yes |
| 7. Yes | |

Equivalent Fractions Chart:

$$\frac{2}{4} = \frac{3}{6}, \frac{1}{3} = \frac{2}{6}, \frac{3}{3} = \frac{4}{4}, \frac{2}{3} = \frac{4}{6}$$

Page 87

- True
- a. False; b. False; c. True; d. Answers will vary.
- False
- True

5. False

6. True

7. False

Page 88

1. True

2. False

3. False

4. True

5. True

6. False

7. 6

8. 1

9. 6

10. 8

11. 3

12. 8

Page 89

1. True

2. False

3. False

4. False

5. True

6. False

7. 8

8. 2

9. 6

10. 6

11. 8

12. $\frac{1}{4}$

Page 91

Fractions equivalent to 1 (whole): $\frac{2}{2}, \frac{3}{3}, \frac{4}{4}, \frac{6}{6}, \frac{8}{8}$

Fractions equivalent to $\frac{1}{2}$: $\frac{2}{4}, \frac{3}{6}, \frac{4}{8}$

Fractions equivalent to $\frac{1}{3}$: $\frac{2}{6}$

Fractions equivalent to $\frac{2}{3}$: $\frac{4}{6}$

Fractions equivalent to $\frac{1}{4}$: $\frac{2}{8}$

Fractions equivalent to $\frac{3}{4}$: $\frac{6}{8}$

Page 92

1st row: Yes, No

2nd row: Yes, Yes

3rd row: No, Yes

4th row: Yes, Yes

5th row: No, No

6th row: Yes, Yes

Page 93

1. 2; 2

2. 2; 2

Page 94

2. $\frac{2}{4}$

3. $\frac{3}{6}$

4. $\frac{4}{8}$

Bottom: $\frac{2}{4} = \frac{3}{6} = \frac{4}{8}$

Page 95

1st row: 3; 2; 2

2nd row: 2; 2; 1

3rd row: 1; 1; 1

4th row: 2; 1; 1

5th row: 6; 2; 4

Page 96

1st row: 4; 8; 6

2nd row: 4; 3; 2

3rd row: 6; 3; 8

4th row: 4; 6; 4

5th row: 4; 8; 8

Page 97

1st row: 4; 2; 6

2nd row: 2; 3; 1

3rd row: 6; 1; 8

4th row: 2; 6; 1

5th row: 4; 2; 8

Page 103

1. $\frac{2}{6}$

2. $\frac{6}{8}$

3. $\frac{4}{6}$

Page 104

1. $\frac{6}{6}$

2. $\frac{2}{8}$

3. $\frac{3}{6}$

Page 105

1. $\frac{1}{3} = \frac{2}{6}; \frac{2}{3} = \frac{4}{6}$

2. $\frac{1}{4} = \frac{2}{8}; \frac{2}{4} = \frac{4}{8}; \frac{3}{4} = \frac{6}{8}$

3. $\frac{1}{2} = \frac{3}{6}$

Page 106

1. $\frac{1}{2} = \frac{2}{4} = \frac{4}{8}$

2. $\frac{1}{2} = \frac{3}{6}$

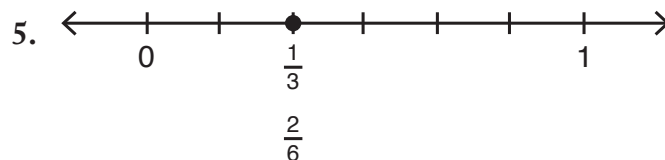
Page 110

1. $\frac{1}{3}, \frac{2}{6}$

2. Yes

3. Yes

4. Yes



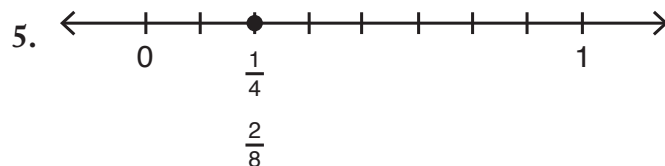
Page 111

1. $\frac{1}{4}, \frac{2}{8}$

2. Yes

3. Yes

4. Yes



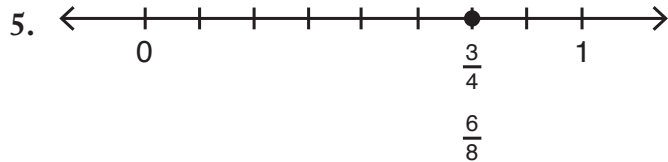
Page 112

1. $\frac{3}{4}, \frac{6}{8}$

2. Yes

3. Yes

4. Yes



Page 113

1. $\frac{3}{6}$

2. $\frac{2}{6}$

3. $\frac{2}{8}$

4. $\frac{6}{8}$

5. $\frac{4}{8}$

6. $\frac{4}{6}$

Page 114

1. Yes

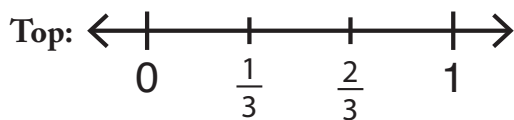
2. No

3. Yes

4. Yes

5. No

Page 115

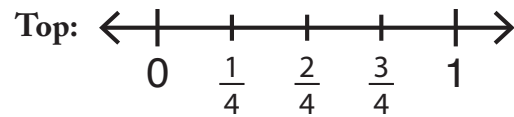


1. Yes

2. No

3. Yes

Page 116



1. Yes

2. No

3. Yes

Page 117

1. False; Answers may vary. Sample answer: Number lines have to be the same length to prove that one fraction is equivalent to another.

2. True; Answers may vary. Sample answer: The two number lines are the same length, so they can be used to prove that one fraction is equivalent to another.

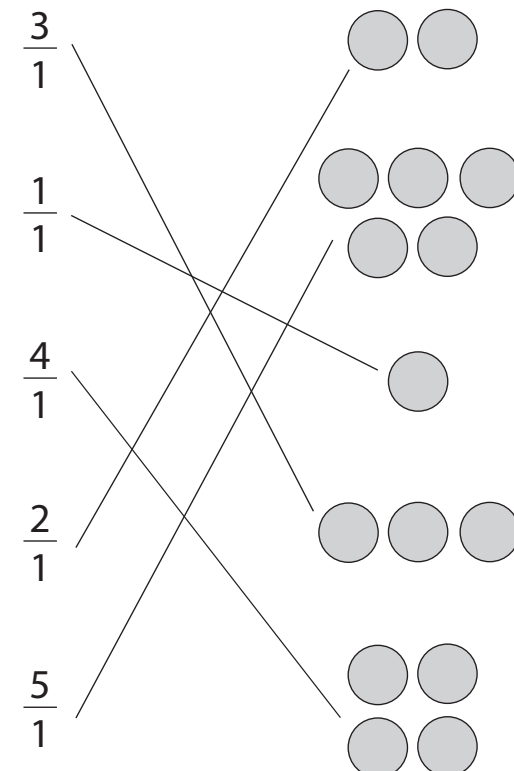
3. T

4. T

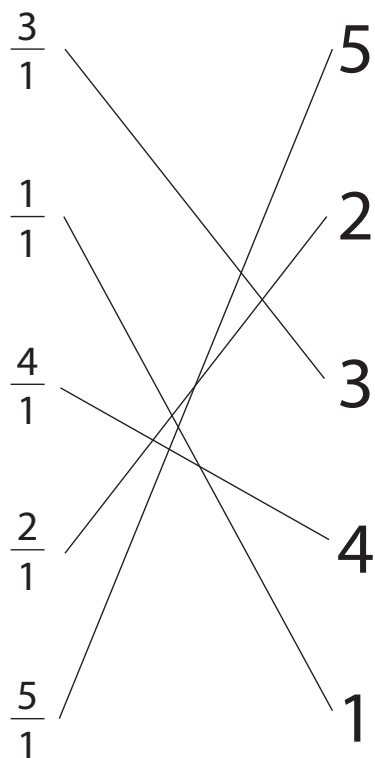
5. F

6. F

Page 119



Page 120



Page 122

1. > ; <
2. < ; >
3. > ; <

Page 123

1. < ; >
2. < ; >
3. < ; >

Page 124

1. > ; <
2. < ; >

Page 125

- 1st row: > ; < ; <
- 2nd row: < ; > ; >
- 3rd row: > ; < ; >
- 4th row: > ; > ; <
- 5th row: < ; < ; >
- 6th row: < ; > ; >

Page 126

- 1st row: > ; > ; <
- 2nd row: > ; < ; <
- 3rd row: < ; < ; >
- 4th row: < ; > ; <
- 5th row: < ; < ; <
- 6th row: < ; > ; >

Page 127

1. > ; <
2. > ; <

Page 128

1. = ; =
2. > ; <

Page 129

1. < ; >
2. < ; >

Page 130

1. $>$; $<$
2. $=$; $=$

Page 131

1. $>$; $<$
2. $<$; $>$

Page 132

1. $>$; $<$
2. $>$; $<$

Page 133



$$\frac{4}{8} = \frac{3}{6} = \frac{2}{4} = \frac{1}{2}$$

Page 134

- 1st row: 6; 6; 6
- 2nd row: 1; 3; 2
- 3rd row: 2; 2; 8
- 4th row: 2; 4; 1
- 5th row: 4; 2; 8

Page 135

4; 1; 4

Page 136

1st row: $>$; $=$; $<$

2nd row: $<$; $=$; $<$

3rd row: $>$; $=$; $>$

4th row: $>$; $<$; $<$

5th row: $<$; $<$; $>$

6th row: $<$; $<$; $>$

Page 137

1. $=$; $=$

2. $<$; $>$

Page 138

$>$; $<$; $=$

Page 139

$>$; $<$; $>$