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# Answers

## SKILL 15

**TRY THESE**

1. 826.3; 826 and 3 tenths
2. 4,351.22; 4 thousand, 351 and 22 hundredths

**PRACTICE**

1. 23.57; 23 and 57 hundredths
2. 177.68, 177 and 68 hundredths
3. 890.3; 890 and 3 tenths
4. 106,434.19; 106 thousand, 434 and 19 hundredths
5. 169.45
6. 2,165.5

**CHECK**

7. 6 thousand, 489 and 9 tenths
8. 123 thousand, 690 and 56 hundredths

## SKILL 16

**TRY THESE**

1. 7, 6, yes, 8
2. 1, 1, no, 13.1
3. 4, 7, yes, 28.535

**PRACTICE**

1. 7, 4, no, 37
2. 1, 2, no, 83.1
3. 2, 5, 63
4. 7, 6, 52.488
5. 8, 4.8
6. 4, 27.595
7. 2
8. 57.1
9. 0.812

**CHECK**

10. 62
11. 47.5
12. 35.613

## SKILL 17

**PRACTICE**

1. $>$
2. $<$
3. $>$
4. $<$
5. $>$
6. $=$
7. 0.89, 0.91, 3.42
8. 0.03, 0.5, 2.4, 2.65
9. 1.3, 1.27, 1.18, 1.11

**CHECK**

10. $>$
11. $<$
12. 2.83, 2.48, 2.38, 1.7
13. 0.5, 1.18, 1.38, 1.83

## SKILL 18

**TRY THESE**

1. 2, 3, $\frac{2}{3}$
2. 1, 4, $\frac{1}{4}$
3. 2, 5, $\frac{2}{5}$

**PRACTICE**

1. 1, 4, $\frac{1}{4}$
2. 3, 4, $\frac{3}{4}$
3. 1, 2, $\frac{1}{2}$
4. $\frac{5}{8}$
5. $\frac{5}{7}$
6. $\frac{2}{3}$
7. $\frac{3}{6}$
8. $\frac{3}{8}$
9. $\frac{9}{9}$

**CHECK**

10. $\frac{5}{6}$
11. $\frac{7}{8}$
12. $\frac{6}{10}$

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# Answers

## SKILL 26

### TRY THESE

1. 20, 0, 4
2. 20, 100, 100, 0, 5
3. 300, 0, 6

### PRACTICE

1. 40, 0, 8, 0.8
2. 8, 20, 20, 0, 25, 0.25
3. 120, 100, 100, 0, 65, 0.65
4. 0.7
5. 0.2
6. 0.625
7. 0.5
8. 0.48
9. 0.875

### CHECK

10. 0.45
11. 0.375
12. 0.08

## SKILL 27

### TRY THESE

1. 4, 3, 4 to 3, $\frac{4}{3}$, 4:3
2. 6, 5, 6 to 5, $\frac{6}{5}$, 6:5
3. 6, 11, 6 to 11, $\frac{6}{11}$, 6 to 11

### PRACTICE

1. 2, 6, 2 to 6; 2:6; $\frac{2}{6}$
2. 5, 2, 5 to 2; 5:2; $\frac{5}{2}$
3. 6, 13, 6 to 13; 6:13; $\frac{6}{13}$
4. 25 to 15; 25:15; $\frac{25}{15}$
5. 13 to 12; 13:12; $\frac{13}{12}$
6. 24 to 11; 24:11; $\frac{24}{11}$
7. 9 to 13; 9:13; $\frac{9}{13}$
8. 15 to 7; 15:7; $\frac{15}{7}$
9. 12 to 7; 12:7; $\frac{12}{7}$

## SKILL 27

### CHECK

10. 4 to 4; 4:4; $\frac{4}{4}$
11. 15 to 21; 15:21; $\frac{15}{21}$
12. 9 to 2; 9:2; $\frac{9}{2}$

## SKILL 28

### TRY THESE

1. 3, $\frac{2}{5}$
2. 6, 6, 6, $\frac{3}{2}$
3. 2, 2, 2, $\frac{16}{45}$

### PRACTICE

1. 5, 5, 5, $\frac{2}{1}$
2. 3, 3, 3, $\frac{7}{9}$
3. 10, 10, 10, $\frac{3}{2}$
4. 8: 1, 2, 4, 8
   10: 1, 2, 5, 10
   GCF = 2
   $\frac{4}{5}$
5. 12: 1, 2, 3, 4, 6, 12
   8: 1, 2, 4, 8
   GCF = 4
   $\frac{3}{2}$
6. 24: 1, 2, 3, 4, 6, 8, 12, 24
   30: 1, 2, 3, 5, 6, 10, 15, 30
   GCF = 6
   $\frac{4}{5}$
7. $\frac{8}{7}$

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# Answers

## SKILL 31

**CHECK**

10. 0.50, 50%
11. 0.66, 66%
12. 0.44, 44%

## SKILL 32

**TRY THESE**

1. <, 30, 0.30
2. <, 0.87
3. >, 75, 0.75, 0.71

**PRACTICE**

1. > 80, 0.80, 0.77
2. < 0.32
3. = 28, 0.28, 0.28
4. > 60, 0.60

**CHECK**

5. =
6. >
7. <
8. <
9. >
10. >

## SKILL 33

**TRY THESE**

1. positive, $^{+}20$
2. negative, $^{-}15$
3. negative, $^{-}12$

**PRACTICE**

1. positive
2. positive
3. negative
4. negative
5. $^{-}12$
6. $^{+}125$
7. $^{-}4$
8. $^{-}25$
9. $^{-}17$
10. 0
11. $^{+}45$
12. $^{-}33$
13. $^{-}110$
14. $^{+}35$
15. $^{+}12$
16. $^{-}40$
17. $^{+}10$
18. $^{+}6$
19. $^{-}5$
20. $^{+}13$

**CHECK**

21. $^{+}9$
22. $^{-}36$
23. $^{-}2$
24. $^{-}6$

## SKILL 34

**TRY THESE**

1. 1, 455
2. 6, 15, 249
3. 186; 6,510; 6,696
4. 464, 34, 8 r 34

**PRACTICE**

1. 1, 75
2. 1, 1, 313
3. 566
4. 275
5. 6, 13, 28
6. 3, 12, 18, 369
7. 488
8. 553
9. 360; 2,880; 3,240
10. 768; 3,840; 4,608
11. 35,583
12. 13,680
13. 115, 184, 184, 0, 58
14. 16, 34, 32, 2, 24 r 2
15. 33
16. 324 r 4

**CHECK**

17. 421
18. 739
19. 7,245
20. 75

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# Answers

## SKILL 26

### TRY THESE

1. 20, 0, 4
2. 20, 100, 100, 0, 5
3. 300, 0, 6

### PRACTICE

1. 40, 0, 8, 0.8
2. 8, 20, 20, 0, 25, 0.25
3. 120, 100, 100, 0, 65, 0.65
4. 0.7
5. 0.2
6. 0.625
7. 0.5
8. 0.48
9. 0.875

### CHECK

10. 0.45
11. 0.375
12. 0.08

## SKILL 27

### TRY THESE

1. 4, 3, 4 to 3, $\frac{4}{3}$, 4:3
2. 6, 5, 6 to 5, $\frac{6}{5}$, 6:5
3. 6, 11, 6 to 11, $\frac{6}{11}$, 6 to 11

### PRACTICE

1. 2, 6, 2 to 6; 2:6; $\frac{2}{6}$
2. 5, 2, 5 to 2; 5:2; $\frac{5}{2}$
3. 6, 13, 6 to 13; 6:13; $\frac{6}{13}$
4. 25 to 15; 25:15; $\frac{25}{15}$
5. 13 to 12; 13:12; $\frac{13}{12}$
6. 24 to 11; 24:11; $\frac{24}{11}$
7. 9 to 13; 9:13; $\frac{9}{13}$
8. 15 to 7; 15:7; $\frac{15}{7}$
9. 12 to 7; 12:7; $\frac{12}{7}$

## SKILL 27

### CHECK

10. 4 to 4; 4:4; $\frac{4}{4}$
11. 15 to 21; 15:21; $\frac{15}{21}$
12. 9 to 2; 9:2; $\frac{9}{2}$

## SKILL 28

### TRY THESE

1. 3, $\frac{2}{5}$
2. 6, 6, 6, $\frac{3}{2}$
3. 2, 2, 2, $\frac{16}{45}$

### PRACTICE

1. 5, 5, 5, $\frac{2}{1}$
2. 3, 3, 3, $\frac{7}{9}$
3. 10, 10, 10, $\frac{3}{2}$
4. 8: 1, 2, 4, 8
   10: 1, 2, 5, 10
   GCF = 2
   $\frac{4}{5}$
5. 12: 1, 2, 3, 4, 6, 12
   8: 1, 2, 4, 8
   GCF = 4
   $\frac{3}{2}$
6. 24: 1, 2, 3, 4, 6, 8, 12, 24
   30: 1, 2, 3, 5, 6, 10, 15, 30
   GCF = 6
   $\frac{4}{5}$
7. $\frac{8}{7}$