3. 53° **√ 4**. 58° **√**

B. Answers

- 1. $19x 4 = 110 \checkmark$ $\frac{19x - 4 + 4 = 110 + 4 \checkmark}{\frac{19x}{19} = \frac{114}{19} \checkmark}$ $x = 6 \checkmark$
- 2. $x + 112 = 105 \checkmark$ x + 112 - 112 = 105 - 112
- x = -7
- 3. 11x 2 = 130 \checkmark $\frac{11x - 2 + 2 = 130 + 2}{\frac{11x}{11}} = \frac{132}{11}$ x = 12

Activity 4.5.1: Parallelism and Perpendicularity Total points = 15

A. Answers

- 1. 90° ✓
- 3. 53° ✓
- 2. 81° ✓
- 4. 58° ✓

B. Answers

- 1. 19x 4 = 110 $\frac{19x - 4 + 4 = 110 + 4 \checkmark}{\frac{19x}{19} = \frac{114}{19} \checkmark}$ $x = 6 \checkmark$
- 2. $x + 112 = 105 \checkmark$ x + 112 - 112 = 105 - 112
- x = -73. 11x - 2 = 130 \checkmark
 - $\frac{11x 2 + 2}{11x} = \frac{132}{11}$ $\frac{132}{11} = \frac{132}{11}$

Activity 4.5.1: Parallelism and Perpendicularity Total points = 15

- A. Answers 1. 90° **√**
- 3. 53° ✓
- 2. 81° ✓
- **4**. 58° ✓
- B. Answers
- 1. $19x 4 = 110 \checkmark$ $\frac{19x - 4 + 4 = 110 + 4 \checkmark}{\frac{19x}{19} = \frac{114}{19} \checkmark}$ $x = 6 \checkmark$
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- 3. 11x 2 = 130 \checkmark
- $\frac{11x 2 + 2}{11x} = \frac{130}{11}$ $\frac{132}{x = 12}$

Activity 4.5.1: Parallelism and Perpendicularity

Total points = 15

A. Answers

- 1. 90° ✓
- 3. 53° ✓
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- **4**. 58° **√**

B. Answers

- 1. $19x 4 = 110 \checkmark$ $\frac{19x - 4 + 4 = 110 + 4 \checkmark}{\frac{19x}{19} = \frac{114}{19} \checkmark}$ $x = 6 \checkmark$
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 - x + 112 112 = 105 112 \checkmark x = -7
- 3. 11x 2 = 130 \checkmark
- $\frac{11x 2 + 2}{11x} = \frac{130}{11}$ $\frac{11x}{x} = \frac{132}{11}$

Activity 4.5.1: Parallelism and Perpendicularity Total points = 15

A. Answers

- 1. 90° ✓
- 2. 81° ✓
- **4**. 58° **√**

3. 53° ✓

- B. Answers
 - 1. $19x 4 = 110 \checkmark$
 - $\frac{19x 4 + 4 = 110 + 4 \checkmark}{\frac{19x}{19} = \frac{114}{19} \checkmark}$ $x = 6 \checkmark$
 - 2. $x + 112 = 105 \checkmark$
 - x + 112 112 = 105 112
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 - $\frac{11x 2 + 2 = 130 + 2}{\frac{11x}{11}} = \frac{132}{11}$ x = 12

Activity 4.5.1: Parallelism and Perpendicularity

Total points = 15

- A. Answers
- 1. 90° √ 2. 81° √
- **3**. 53° **√ 4**. 58° ✓
- B. Answers 1. 19x - 4 = 110
 - $\frac{19x 4 + 4 = 110 + 4 \checkmark}{\frac{19x}{19} = \frac{114}{19} \checkmark}$
- 2. x + 112 = 105 \checkmark
- x + 112 112 = 105 112 \checkmark x = -7
- 3. $11x 2 = 130 \checkmark$
- $\frac{11x 2 + 2}{11x} = \frac{130 + 2}{11}$ $\frac{132}{11} = \frac{132}{11}$ x = 12

Activity 4.5.1: Parallelism and Perpendicularity

Total points = 15

- A. Answers
- 1. 90° **√**
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- 2. 81° **√**
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 - 1. $19x 4 = 110 \checkmark$
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 - $\frac{11x 2 + 2}{11x} = \frac{130}{11}$ $\frac{132}{x = 12}$

Activity 4.5.1: Parallelism and Perpendicularity

Total points = 15

- A. Answers
- 1. 90° ✓
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- **4**. 58° ✓
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 - 1. $19x 4 = 110 \checkmark$ $\frac{19x - 4 + 4 = 110 + 4 \checkmark}{\frac{19x}{19} = \frac{114}{19} \checkmark}$ $x = 6 \checkmark$
 - 2. x + 112 = 105 \checkmark x + 112 - 112 = 105 - 112
 - x = -73. 11x - 2 = 130 \checkmark
 - $\frac{11x 2 + 2 = 130 + 2}{11x} = \frac{132}{11}$ x = 12