

# EXTERIOR ANGLE SUM THEOREM CIPHER PURSUIT

**her Pursuit**

Directions: Solve the problems. Place the answer in the answer box, underneath the question. If correct, the box will turn green and a piece of the Cipher will appear. Incorrect answers will turn red. Once you have all the cipher pieces, use it to solve for the mystery word!

Points 0/12 7-23-19-15-10-18

Mystery Word:

Exterior Angle Theorem

|                            |                              |                             |
|----------------------------|------------------------------|-----------------------------|
| 1. Solve for $x$ .         | 2. Solve for $x$ .           | 3. Solve for $x$ .          |
| 4. Solve for $x$ .         | 5. Solve for $x$ .           | 6. Solve for $x$ .          |
| 7. Solve for $x$ .         | 8. Find the $m\angle B$ .    | 9. Find the $m\angle DGL$ . |
| 10. Find the $m\angle L$ . | 11. Find the $m\angle DGL$ . | 12. Find the $m\angle L$ .  |

Start Here!

**her Pursuit**

Directions: Solve the problems. Place the answer in the answer box, underneath the question. If correct, the box will turn green and a piece of the Cipher will appear. Incorrect answers will turn red. Once you have all the cipher pieces, use it to solve for the mystery word!

Points 5/12 7-23-19-15-10-18

Mystery Word:

Exterior Angle Theorem

|                            |                              |                             |
|----------------------------|------------------------------|-----------------------------|
| 1. Solve for $x$ .         | 2. Solve for $x$ .           | 3. Solve for $x$ .          |
| 4. Solve for $x$ .         | 5. Solve for $x$ .           | 6. Solve for $x$ .          |
| 7. Solve for $x$ .         | 8. Find the $m\angle B$ .    | 9. Find the $m\angle DGL$ . |
| 10. Find the $m\angle L$ . | 11. Find the $m\angle DGL$ . | 12. Find the $m\angle L$ .  |

**her Pursuit**

Directions: Solve the problems. Place the answer in the answer box, underneath the question. If correct, the box will turn green and a piece of the Cipher will appear. Incorrect answers will turn red. Once you have all the cipher pieces, use it to solve for the mystery word!

Points 12/12 7-23-19-15-10-18

Mystery Word:

Exterior Angle Theorem

|                            |                              |                             |
|----------------------------|------------------------------|-----------------------------|
| 1. Solve for $x$ .         | 2. Solve for $x$ .           | 3. Solve for $x$ .          |
| 4. Solve for $x$ .         | 5. Solve for $x$ .           | 6. Solve for $x$ .          |
| 7. Solve for $x$ .         | 8. Find the $m\angle B$ .    | 9. Find the $m\angle DGL$ . |
| 10. Find the $m\angle L$ . | 11. Find the $m\angle DGL$ . | 12. Find the $m\angle L$ .  |

Finish Here!

