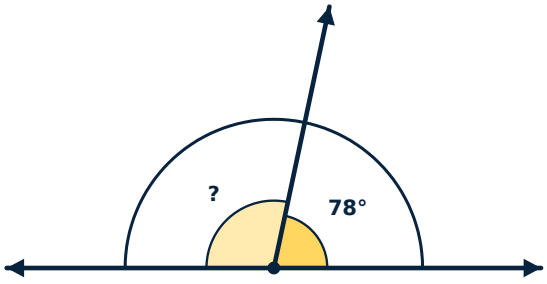
Angle Addition Problems

Grade 4 Math Worksheet - Challenge Me

Name _____ Date _____

Write the answer on the line, or circle the answer.

1. Two angles sit side by side on a straight line, so together they make 180°. One angle is 78°. What does the other angle measure?

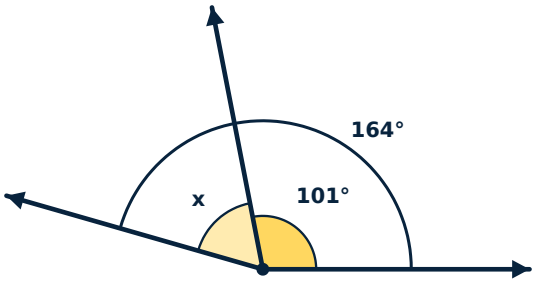


_____

2. Three angles share a corner and together make a straight angle (180°). Two of them measure 34° and 19°. What does the third angle measure?

_____

3. A 164° angle is split into a 101° part and an unknown part, x. Which equation finds x?

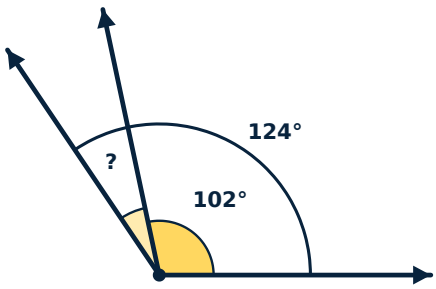


101 − x = 164 101 + x = 164 x − 101 = 164 164 + 101 = x

4. A sprinkler must turn 141° in all. It turns 37°, then 37°. How many more degrees must it turn?

_____

5. The whole angle measures 124°. One part measures 102°. What does the part marked ? measure?

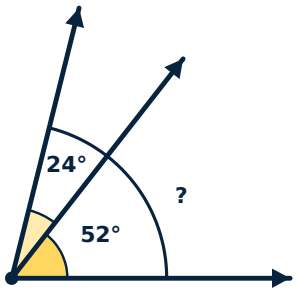


_____

6. Three angles share a corner and together make a right angle (90°). Two of them measure 42° and 15°. What does the third angle measure?

_____

7. An angle is split into two parts of 52° and 24°. What does the whole angle measure?

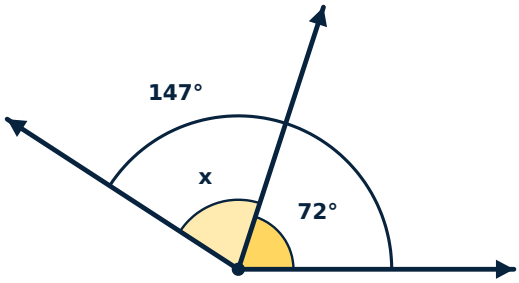


_____

8. A door must turn 135° in all. It turns 34°, then 34°. How many more degrees must it turn?

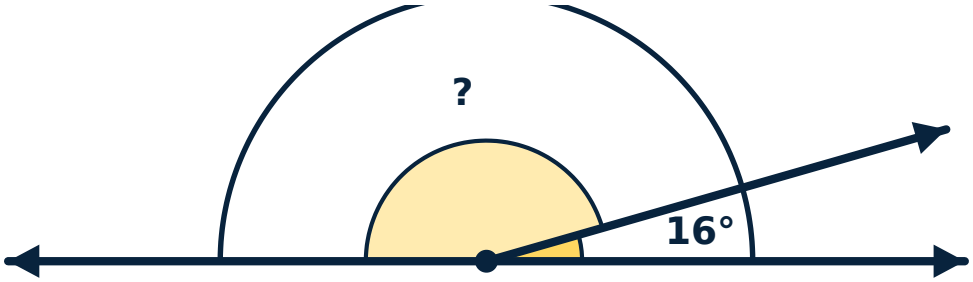
_____

9. A 147° angle is split into a 72° part and an unknown part, x. Which equation finds x?



72 − x = 147 x − 72 = 147 72 + x = 147 147 + 72 = x

10. Two angles sit side by side on a straight line, so together they make 180°. One angle is 16°. What does the other angle measure?



_____

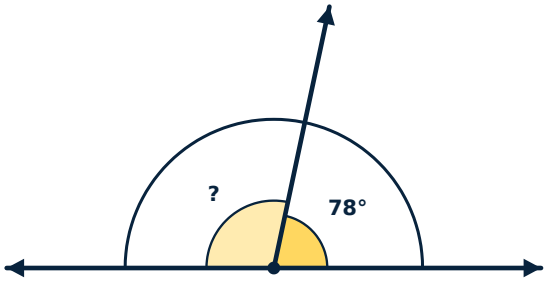
Scan to get this marked free. No screen time for your child.
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Angle Addition Problems

Answer Key - Grade 4 Math Worksheet - Challenge Me

Write the answer on the line, or circle the answer.

1. Two angles sit side by side on a straight line, so together they make 180°. One angle is 78°. What does the other angle measure?

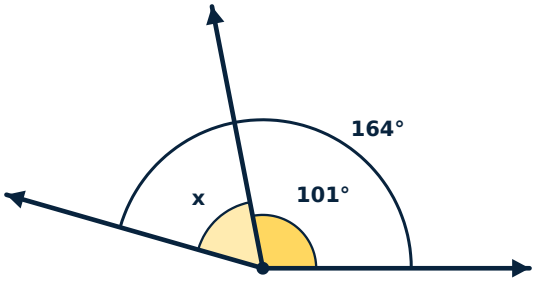


102

2. Three angles share a corner and together make a straight angle (180°). Two of them measure 34° and 19°. What does the third angle measure?

127

3. A 164° angle is split into a 101° part and an unknown part, x. Which equation finds x?

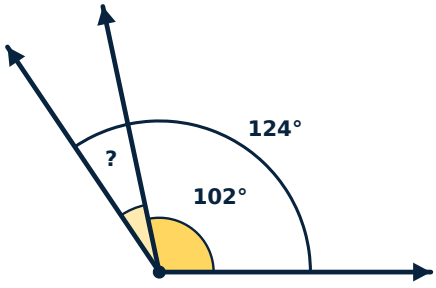


101 − x = 164 **101 + x = 164** x − 101 = 164 164 + 101 = x

4. A sprinkler must turn 141° in all. It turns 37°, then 37°. How many more degrees must it turn?

67

5. The whole angle measures 124°. One part measures 102°. What does the part marked ? measure?

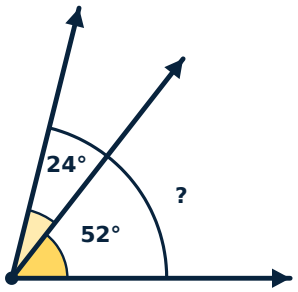


22

6. Three angles share a corner and together make a right angle (90°). Two of them measure 42° and 15°. What does the third angle measure?

33

7. An angle is split into two parts of 52° and 24°. What does the whole angle measure?

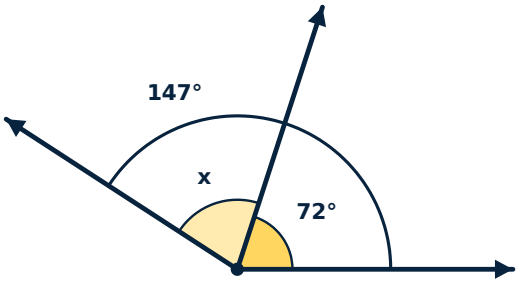


76

8. A door must turn 135° in all. It turns 34°, then 34°. How many more degrees must it turn?

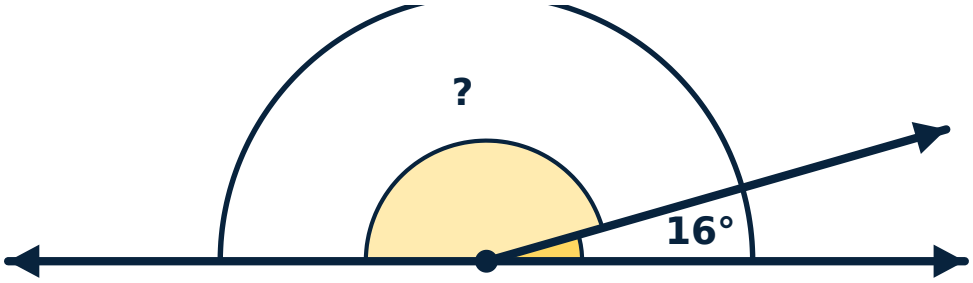
67

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72 − x = 147 x − 72 = 147 72 + x = 147 147 + 72 = x

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164