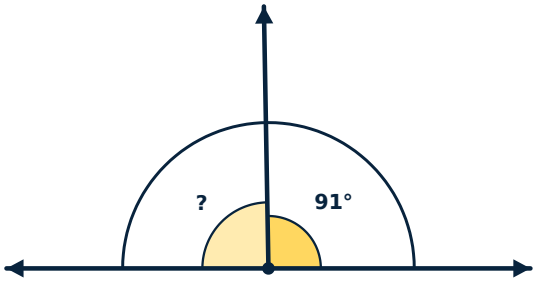
Angle Addition Problems

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 91°. What does the other angle measure?

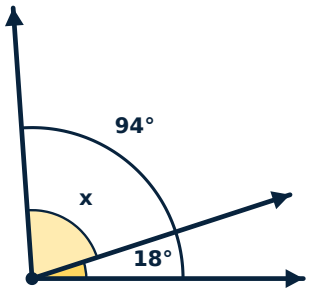


_____

2. Three angles share a corner and together make a straight angle (180°). Two of them measure 125° and 17°. What does the third angle measure?

_____

3. A 94° angle is split into an 18° part and an unknown part, x. Which equation finds x?

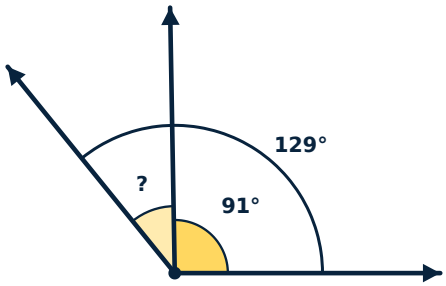


x − 18 = 94 18 − x = 94 94 + 18 = x 18 + x = 94

4. A sprinkler must turn 80° in all. It turns 28°, then 27°. How many more degrees must it turn?

_____

5. The whole angle measures 129°. One part measures 91°. What does the part marked ? measure?

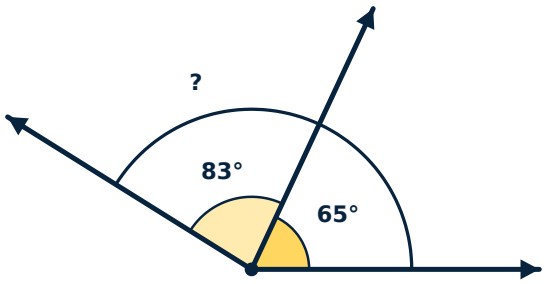


_____

6. Three angles share a corner and together make a right angle (90°). Two of them measure 18° and 25°. What does the third angle measure?

_____

7. An angle is split into two parts of 65° and 83°. What does the whole angle measure?

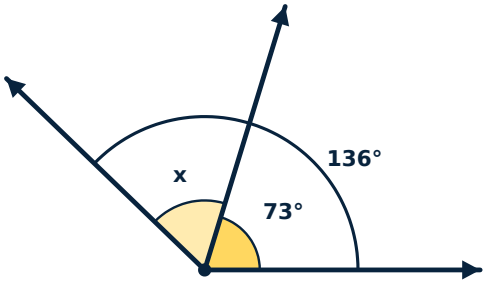


_____

8. A door must turn 127° in all. It turns 40°, then 40°. How many more degrees must it turn?

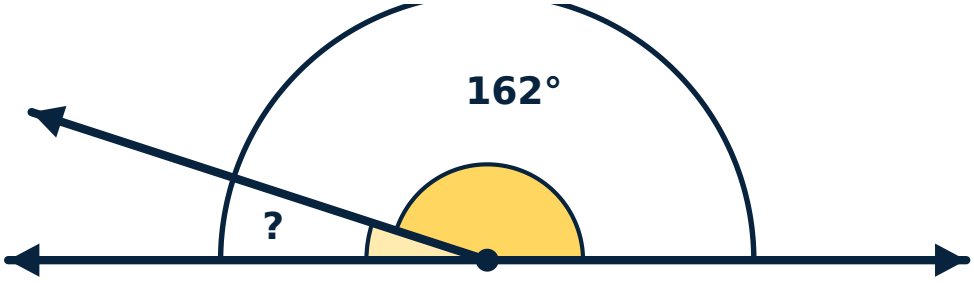
_____

9. A 136° angle is split into a 73° part and an unknown part, x. Which equation finds x?



73 − x = 136 136 + 73 = x 73 + x = 136 x − 73 = 136

10. Two angles sit side by side on a straight line, so together they make 180°. One angle is 162°. What does the other angle measure?



_____

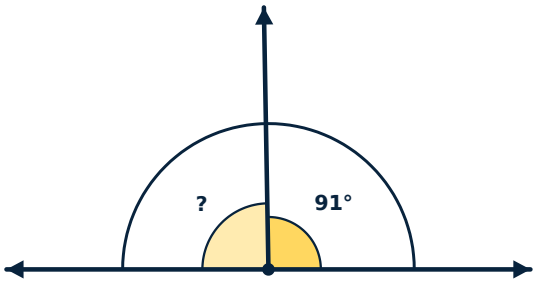
Scan to get this marked free. No screen time for your child.
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Angle Addition Problems

Answer Key - Grade 4 Math Worksheet - Challenge Me

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

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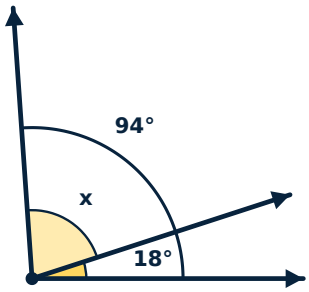


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2. Three angles share a corner and together make a straight angle (180°). Two of them measure 125° and 17°. What does the third angle measure?

38

3. A 94° angle is split into an 18° part and an unknown part, x. Which equation finds x?

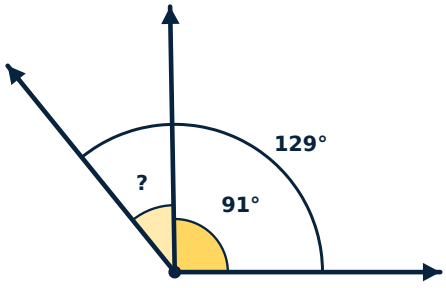


x − 18 = 94 18 − x = 94 94 + 18 = x 18 + x = 94

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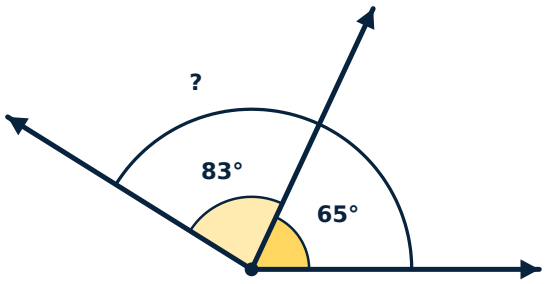


38

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47

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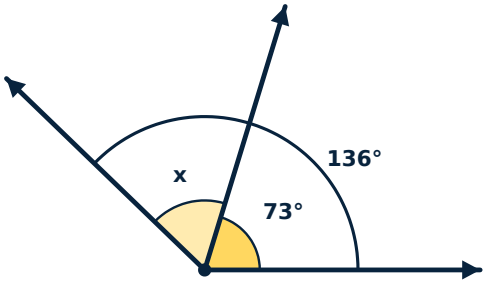


148

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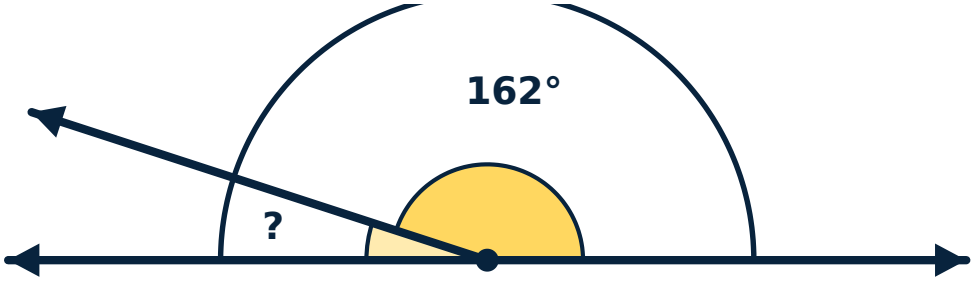
47

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