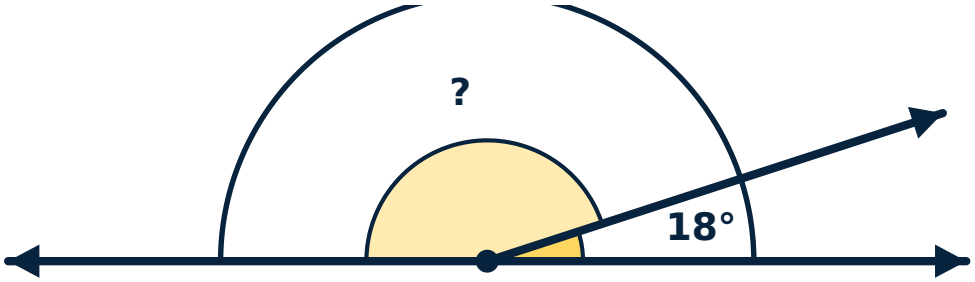
Angle Addition Problems

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 18°. What does the other angle measure?

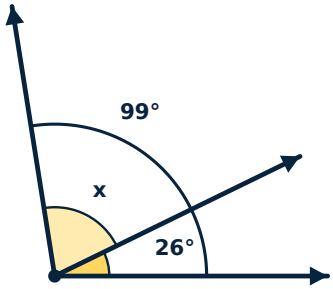


_____

2. Three angles share a corner and together make a straight angle (180°). Two of them measure 107° and 21°. What does the third angle measure?

_____

3. A 99° angle is split into a 26° part and an unknown part, x. Which equation finds x?

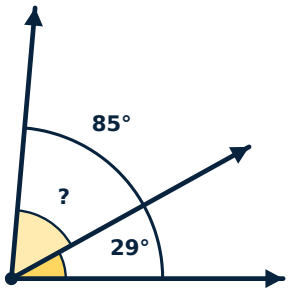


26 − x = 99 x − 26 = 99 26 + x = 99 99 + 26 = x

4. A sprinkler must turn 117° in all. It turns 35°, then 35°. How many more degrees must it turn?

_____

5. The whole angle measures 85°. One part measures 29°. What does the part marked ? measure?

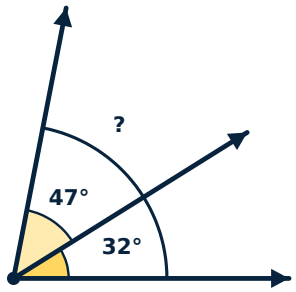


_____

6. Three angles share a corner and together make a right angle (90°). Two of them measure 34° and 15°. What does the third angle measure?

_____

7. An angle is split into two parts of 32° and 47°. What does the whole angle measure?

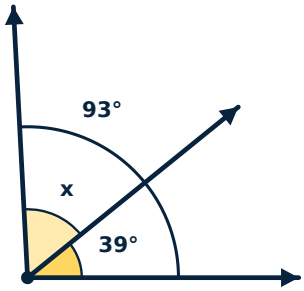


_____

8. A door must turn 136° in all. It turns 52°, then 52°. How many more degrees must it turn?

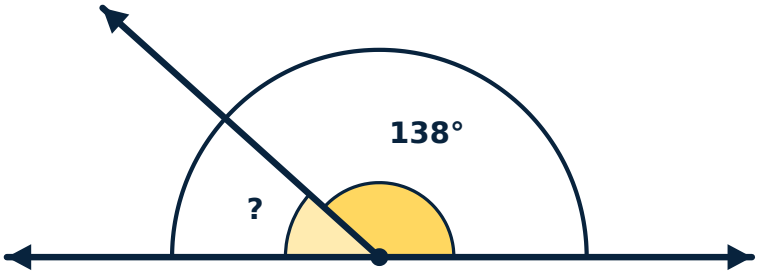
_____

9. A 93° angle is split into a 39° part and an unknown part, x. Which equation finds x?



x − 39 = 93 39 + x = 93 93 + 39 = x 39 − x = 93

10. Two angles sit side by side on a straight line, so together they make 180°. One angle is 138°. What does the other angle measure?



_____

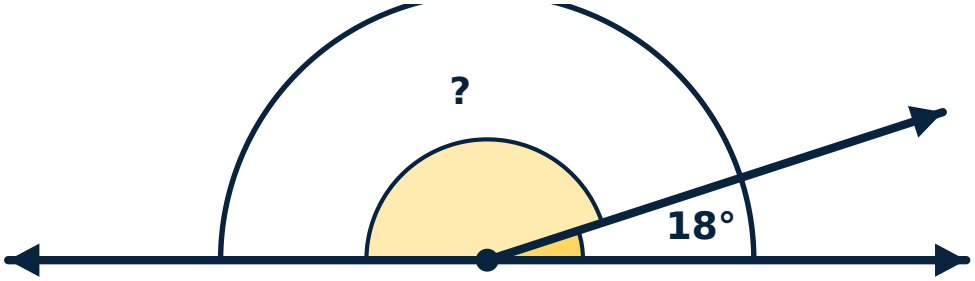
Scan to get this marked free. No screen time for your child.
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Angle Addition Problems

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 18°. What does the other angle measure?

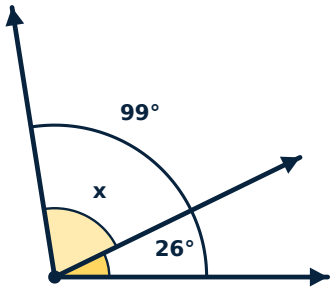


162

2. Three angles share a corner and together make a straight angle (180°). Two of them measure 107° and 21°. What does the third angle measure?

52

3. A 99° angle is split into a 26° part and an unknown part, x. Which equation finds x?

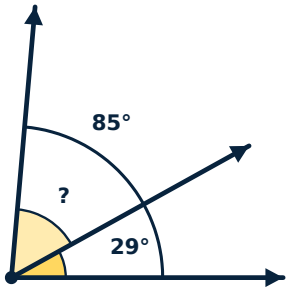


26 − x = 99 x − 26 = 99 **26 + x = 99** 99 + 26 = x

4. A sprinkler must turn 117° in all. It turns 35°, then 35°. How many more degrees must it turn?

47

5. The whole angle measures 85°. One part measures 29°. What does the part marked ? measure?

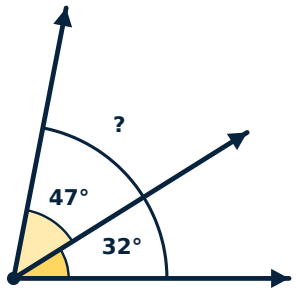


56

6. Three angles share a corner and together make a right angle (90°). Two of them measure 34° and 15°. What does the third angle measure?

41

7. An angle is split into two parts of 32° and 47°. What does the whole angle measure?

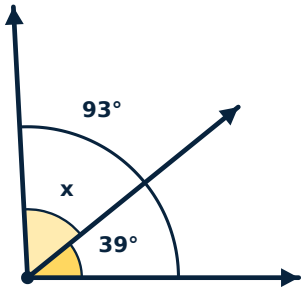


79

8. A door must turn 136° in all. It turns 52°, then 52°. How many more degrees must it turn?

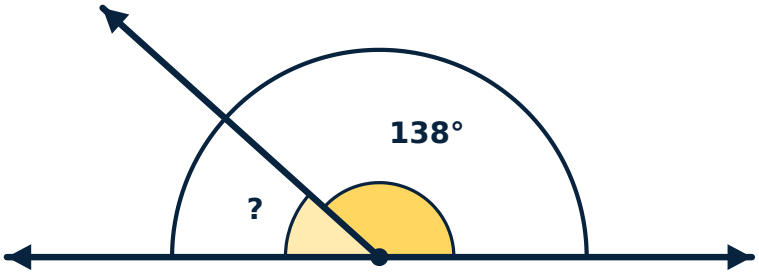
32

9. A 93° angle is split into a 39° part and an unknown part, x. Which equation finds x?



x − 39 = 93 | 39 + x = 93 | 93 + 39 = x | 39 − x = 93

10. Two angles sit side by side on a straight line, so together they make 180°. One angle is 138°. What does the other angle measure?



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