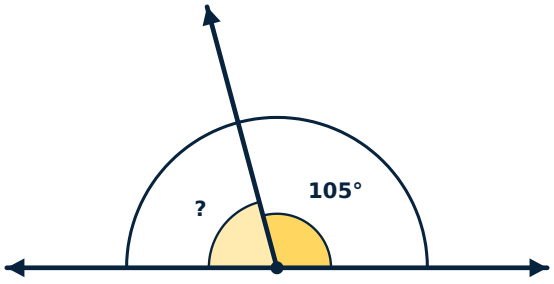
Angle Addition Problems

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 105°. What does the other angle measure?

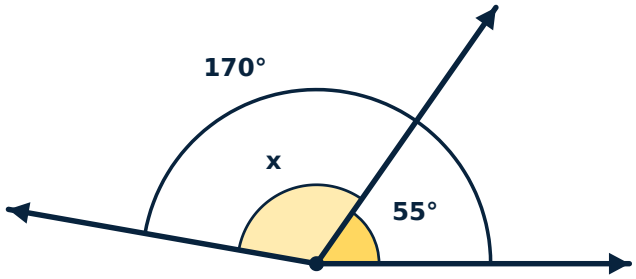


_____

2. Three angles share a corner and together make a straight angle (180°). Two of them measure 58° and 20°. What does the third angle measure?

_____

3. A 170° angle is split into a 55° part and an unknown part, x. Which equation finds x?

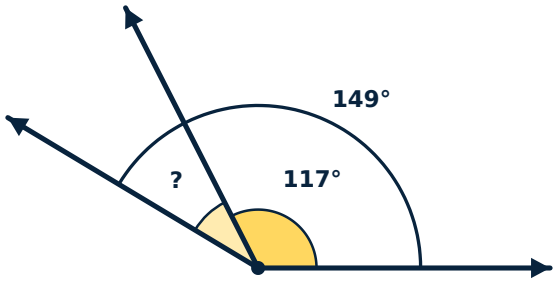


170 + 55 = x 170 − 55 = x 55 − x = 170 x − 55 = 170

4. A lamp must turn 131° in all. It turns 22°, then 21°. How many more degrees must it turn?

_____

5. The whole angle measures 149°. One part measures 117°. What does the part marked ? measure?

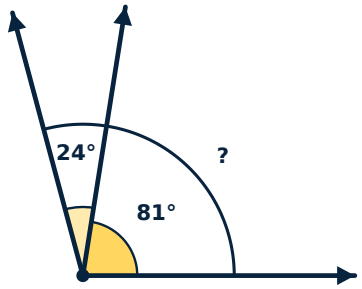


_____

6. Three angles share a corner and together make a right angle (90°). Two of them measure 19° and 30°. What does the third angle measure?

_____

7. An angle is split into two parts of 81° and 24°. What does the whole angle measure?

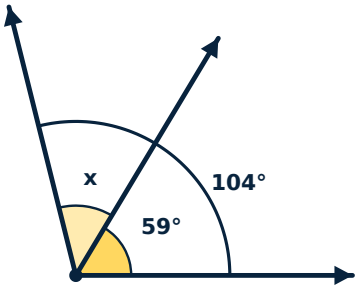


_____

8. A robot arm must turn 73° in all. It turns 21°, then 21°. How many more degrees must it turn?

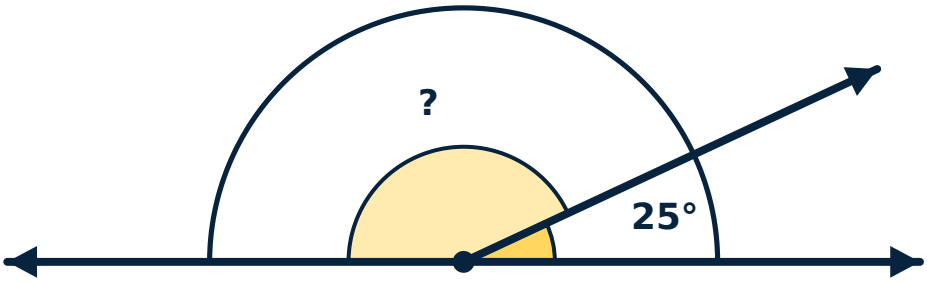
_____

9. A 104° angle is split into a 59° part and an unknown part, x. Which equation finds x?



104 + 59 = x 104 − 59 = x x − 59 = 104 59 − x = 104

10. Two angles sit side by side on a straight line, so together they make 180°. One angle is 25°. What does the other angle measure?



_____

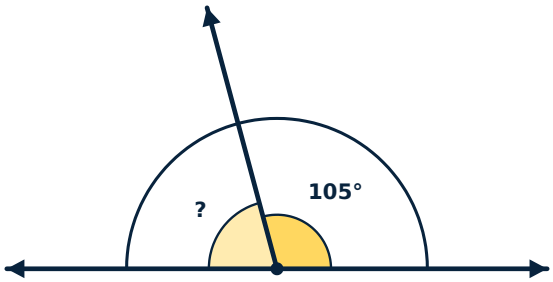
Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

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 105°. What does the other angle measure?

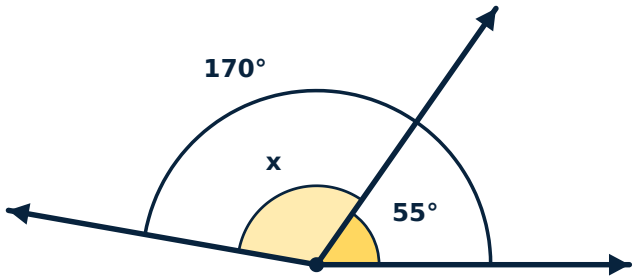


75

2. Three angles share a corner and together make a straight angle (180°). Two of them measure 58° and 20°. What does the third angle measure?

102

3. A 170° angle is split into a 55° part and an unknown part, x. Which equation finds x?

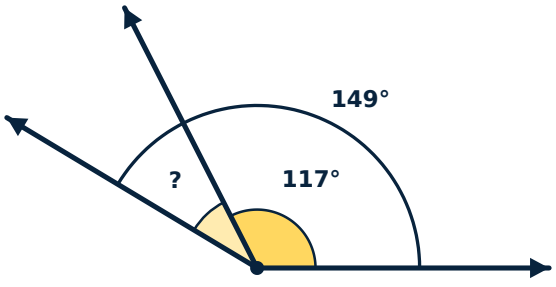


170 + 55 = x 170 − 55 = x 55 − x = 170 x − 55 = 170

4. A lamp must turn 131° in all. It turns 22°, then 21°. How many more degrees must it turn?

88

5. The whole angle measures 149°. One part measures 117°. What does the part marked ? measure?

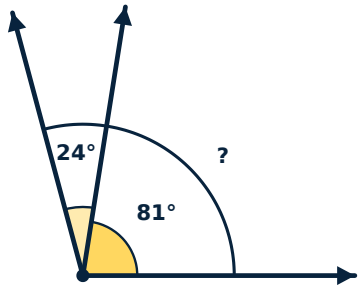


32

6. Three angles share a corner and together make a right angle (90°). Two of them measure 19° and 30°. What does the third angle measure?

41

7. An angle is split into two parts of 81° and 24°. What does the whole angle measure?

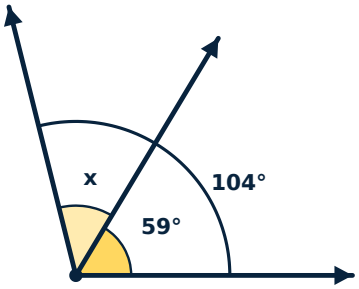


105

8. A robot arm must turn 73° in all. It turns 21°, then 21°. How many more degrees must it turn?

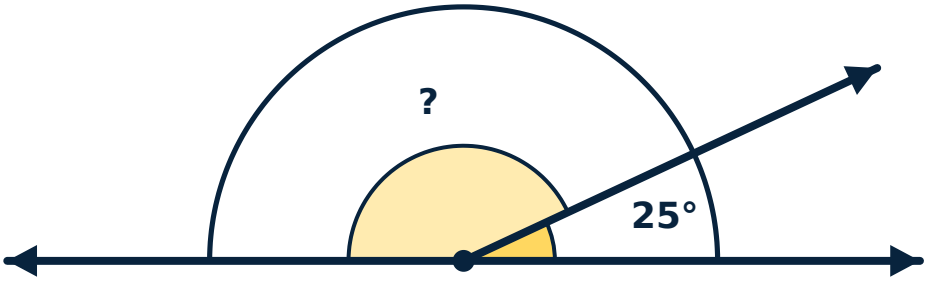
31

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104 + 59 = x 104 − 59 = x x − 59 = 104 59 − x = 104

10. Two angles sit side by side on a straight line, so together they make 180°. One angle is 25°. What does the other angle measure?



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