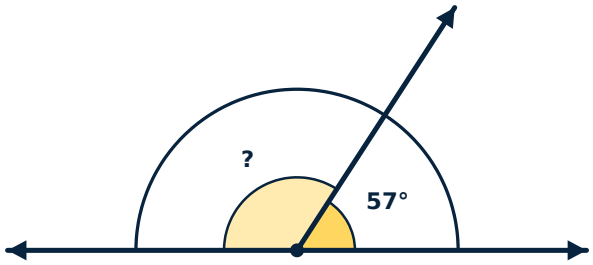
Angle Addition Problems

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 57°. What does the other angle measure?

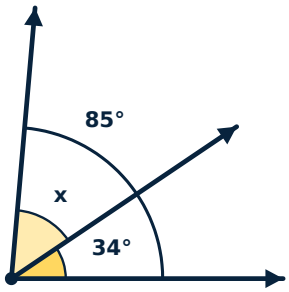


_____

2. Three angles share a corner and together make a right angle (90°). Two of them measure 31° and 18°. What does the third angle measure?

_____

3. An 85° angle is split into a 34° part and an unknown part, x. Which equation finds x?

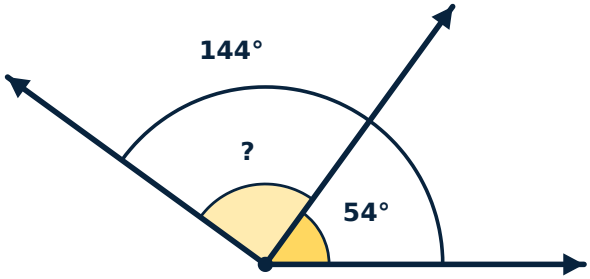


34 − x = 85 85 + 34 = x x − 34 = 85 85 − 34 = x

4. A lamp must turn 161° in all. It turns 56°, then 55°. How many more degrees must it turn?

_____

5. The whole angle measures 144°. One part measures 54°. What does the part marked ? measure?

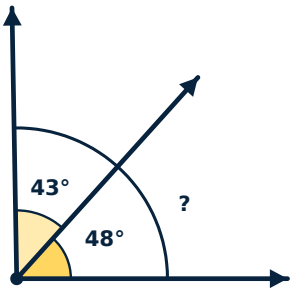


_____

6. Three angles share a corner and together make a straight angle (180°). Two of them measure 36° and 97°. What does the third angle measure?

_____

7. An angle is split into two parts of 48° and 43°. What does the whole angle measure?

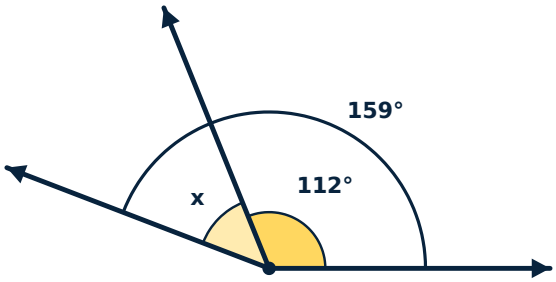


_____

8. A robot arm must turn 97° in all. It turns 32°, then 31°. How many more degrees must it turn?

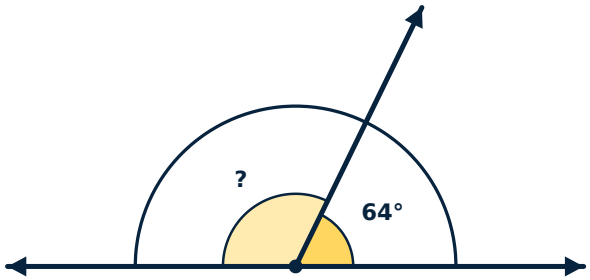
_____

9. A 159° angle is split into an 112° part and an unknown part, x. Which equation finds x?



x − 112 = 159 159 − 112 = x 112 − x = 159 159 + 112 = x

10. Two angles sit side by side on a straight line, so together they make 180°. One angle is 64°. What does the other angle measure?



_____

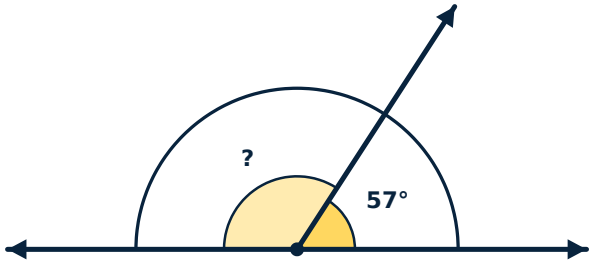
Scan to get this marked free. No screen time for your child.
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Angle Addition Problems

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 57°. What does the other angle measure?

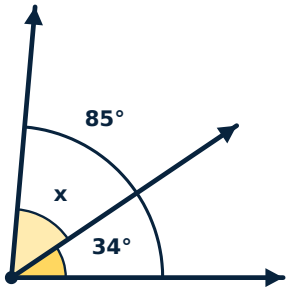


123

2. Three angles share a corner and together make a right angle (90°). Two of them measure 31° and 18°. What does the third angle measure?

41

3. An 85° angle is split into a 34° part and an unknown part, x. Which equation finds x?

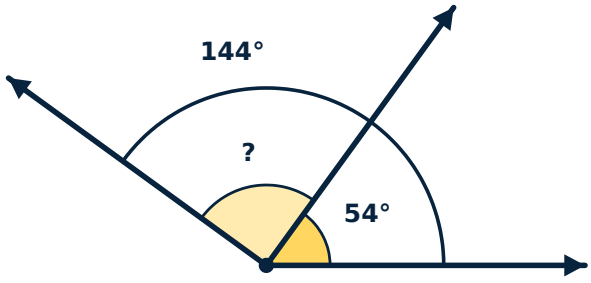


34 − x = 85 85 + 34 = x x − 34 = 85 85 − 34 = x

4. A lamp must turn 161° in all. It turns 56°, then 55°. How many more degrees must it turn?

50

5. The whole angle measures 144°. One part measures 54°. What does the part marked ? measure?

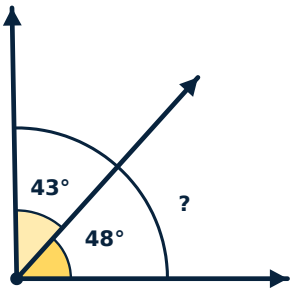


90

6. Three angles share a corner and together make a straight angle (180°). Two of them measure 36° and 97°. What does the third angle measure?

47

7. An angle is split into two parts of 48° and 43°. What does the whole angle measure?

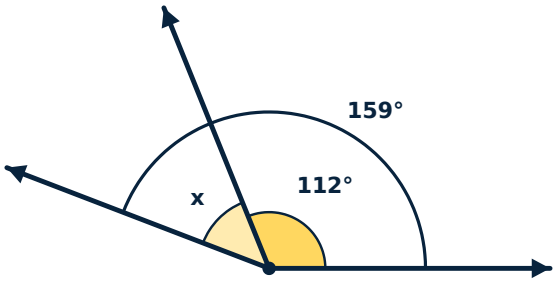


91

8. A robot arm must turn 97° in all. It turns 32°, then 31°. How many more degrees must it turn?

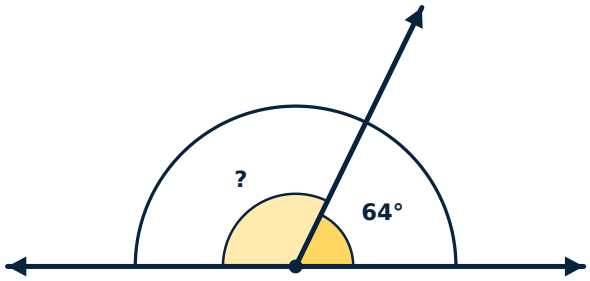
34

9. A 159° angle is split into an 112° part and an unknown part, x. Which equation finds x?



x − 112 = 159 | 159 − 112 = x | 112 − x = 159 | 159 + 112 = x

10. Two angles sit side by side on a straight line, so together they make 180°. One angle is 64°. What does the other angle measure?



116