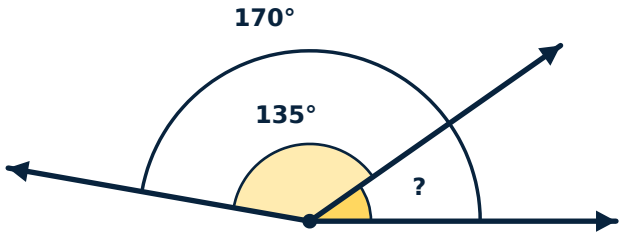
Angle Addition Problems

Grade 4 Math Worksheet

Name _____ Date _____

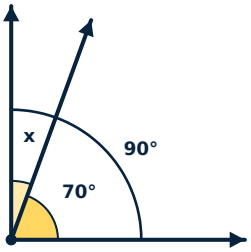
Write the answer on the line, or circle the answer.

1. The whole angle measures 170°. One part measures 135°. What does the part marked ? measure?



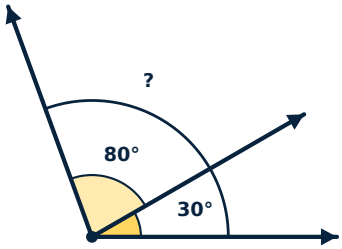
_____

2. A 90° angle is split into a 70° part and an unknown part, x. Which equation finds x?



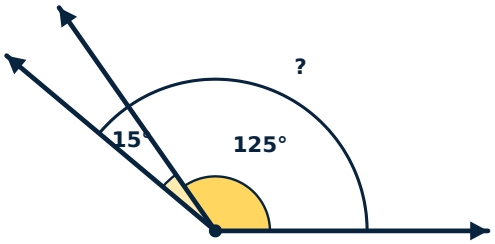
90 + 70 = x x − 70 = 90 70 + x = 90 70 − x = 90

3. An angle is split into two parts of 30° and 80°. What does the whole angle measure?



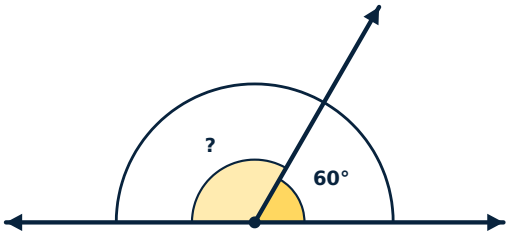
_____

4. A fan turns 125°. Then it turns 15° more in the same direction. How many degrees has it turned in all?

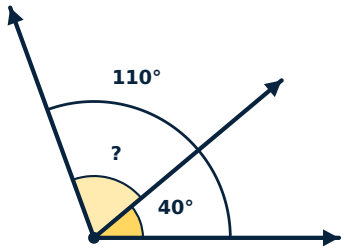


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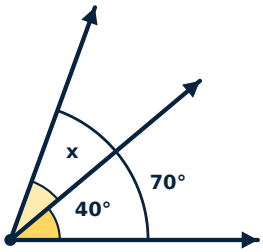
5. Two angles sit side by side on a straight line, so together they make 180°. One angle is 60°. What does the other angle measure?



6. The whole angle measures 110°. One part measures 40°. What does the part marked ? measure?

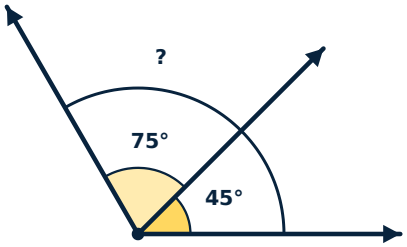


7. A 70° angle is split into a 40° part and an unknown part, x. Which equation finds x?

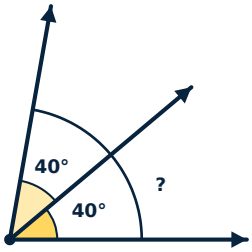


70 + 40 = x x − 40 = 70 40 − x = 70 70 − 40 = x

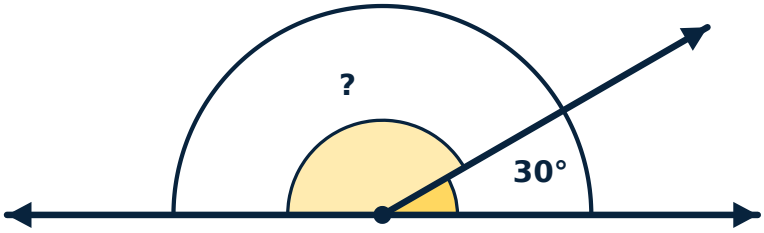
8. A lamp turns 45°. Then it turns 75° more in the same direction. How many degrees has it turned in all?



9. An angle is split into two parts of 40° and 40°. What does the whole angle measure?



10. Two angles sit side by side on a straight line, so together they make 180°. One angle is 30°. What does the other angle measure?



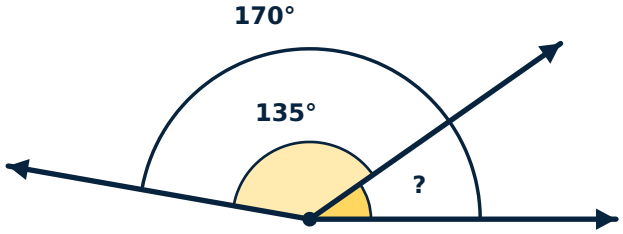
Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Angle Addition Problems

Answer Key - Grade 4 Math Worksheet

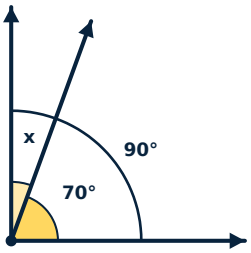
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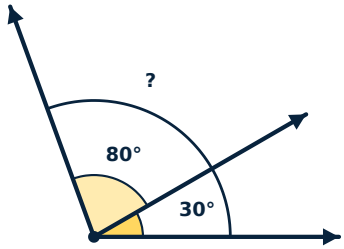
35

2. A 90° angle is split into a 70° part and an unknown part, x. Which equation finds x?



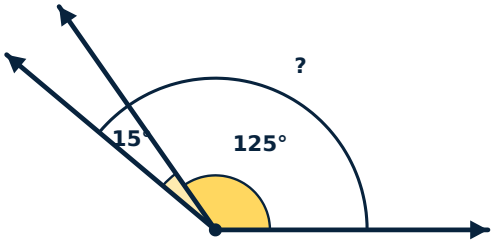
90 + 70 = x x − 70 = 90 **70 + x = 90** 70 − x = 90

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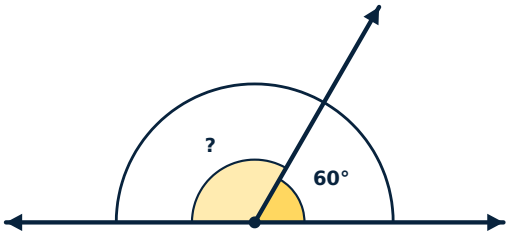
110

4. A fan turns 125°. Then it turns 15° more in the same direction. How many degrees has it turned in all?



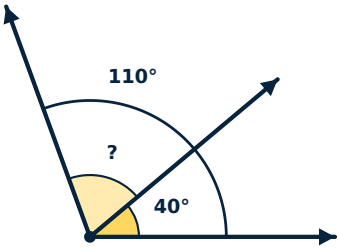
140

5. Two angles sit side by side on a straight line, so together they make 180°. One angle is 60°. What does the other angle measure?



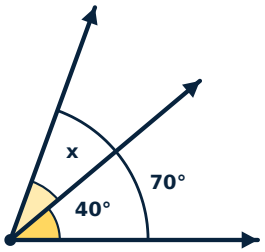
120

6. The whole angle measures 110°. One part measures 40°. What does the part marked ? measure?



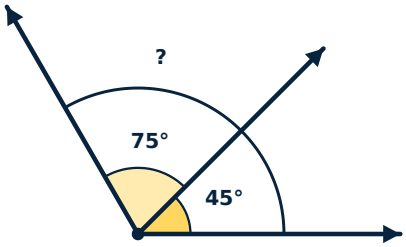
70

7. A 70° angle is split into a 40° part and an unknown part, x. Which equation finds x?



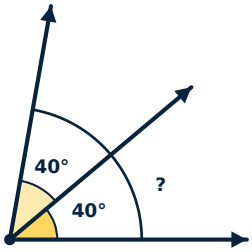
70 + 40 = x x − 40 = 70 40 − x = 70 **70 − 40 = x**

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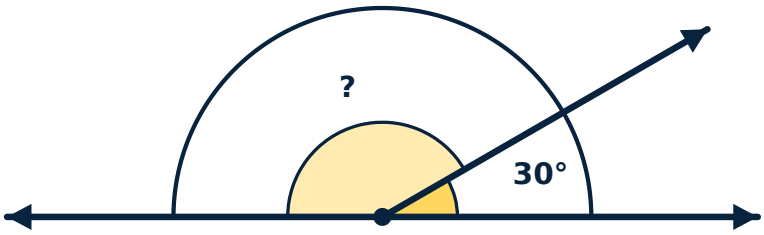
120

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80

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150