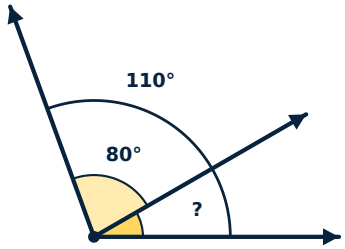
Angle Addition Problems

Grade 4 Math Worksheet

Name _____ Date _____

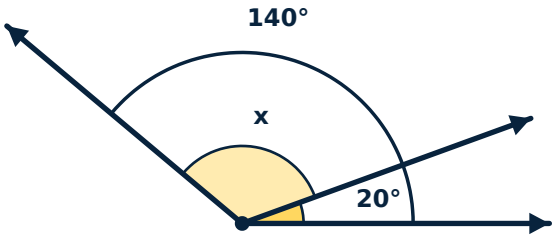
Write the answer on the line, or circle the answer.

1. The whole angle measures 110°. One part measures 80°. What does the part marked ? measure?



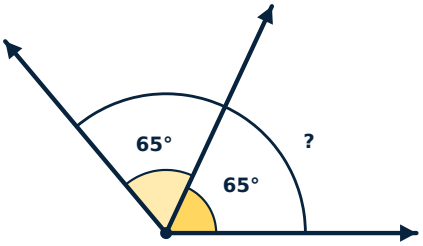
_____

2. A 140° angle is split into a 20° part and an unknown part, x. Which equation finds x?



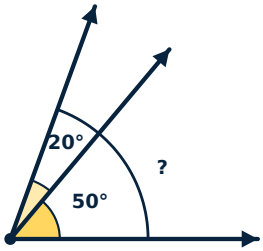
20 − x = 140 140 − 20 = x 140 + 20 = x x − 20 = 140

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



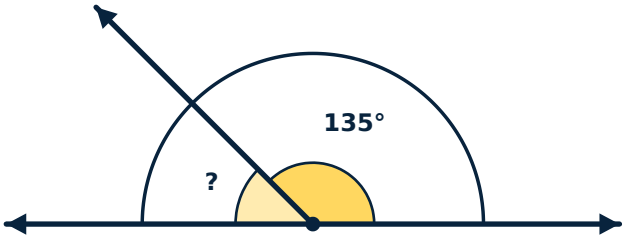
_____

4. A camera turns 50°. Then it turns 20° more in the same direction. How many degrees has it turned in all?



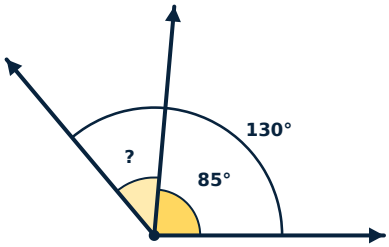
_____

5. Two angles sit side by side on a straight line, so together they make 180°. One angle is 135°. What does the other angle measure?



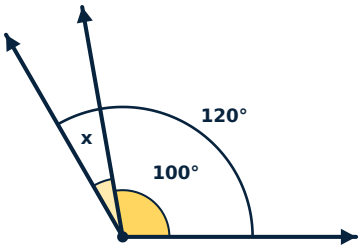
_____

6. The whole angle measures 130°. One part measures 85°. What does the part marked ? measure?



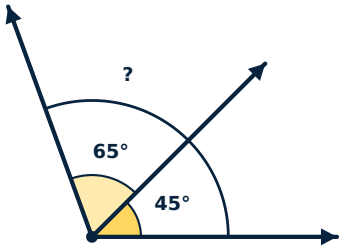
_____

7. A 120° angle is split into a 100° part and an unknown part, x. Which equation finds x?



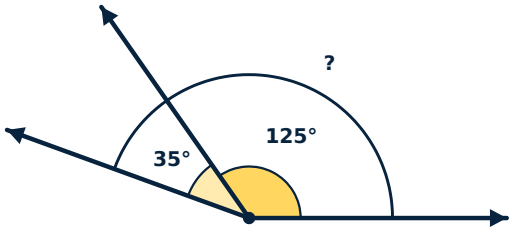
100 + x = 120 x − 100 = 120 100 − x = 120 120 + 100 = x

8. A sprinkler turns 45°. Then it turns 65° more in the same direction. How many degrees has it turned in all?



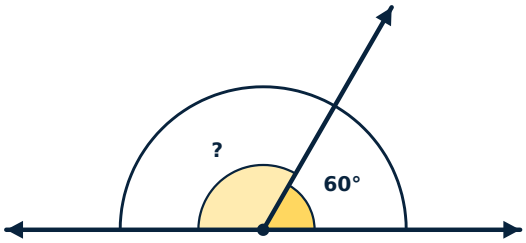
_____

9. An angle is split into two parts of 125° and 35°. 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 60°. What does the other angle measure?



_____

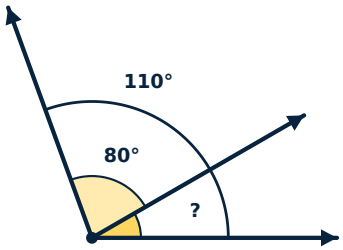
Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Angle Addition Problems

Answer Key - Grade 4 Math Worksheet

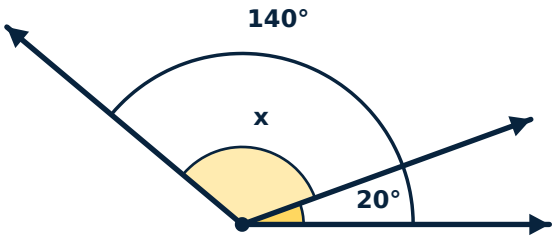
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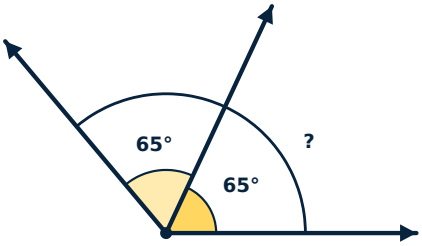
30

2. A 140° angle is split into a 20° part and an unknown part, x. Which equation finds x?



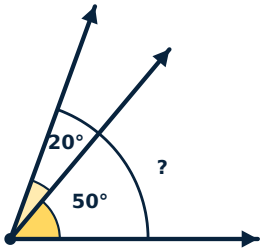
20 − x = 140 **140 − 20 = x** 140 + 20 = x x − 20 = 140

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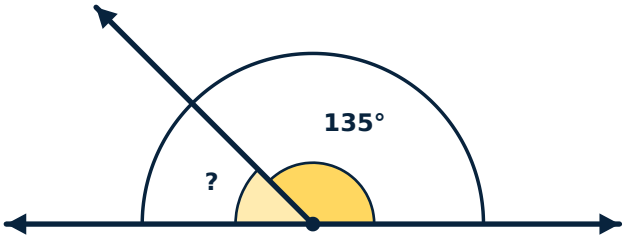
130

4. A camera turns 50°. Then it turns 20° more in the same direction. How many degrees has it turned in all?



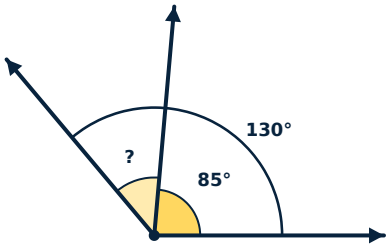
70

5. Two angles sit side by side on a straight line, so together they make 180°. One angle is 135°. What does the other angle measure?



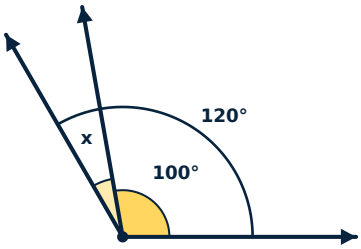
45

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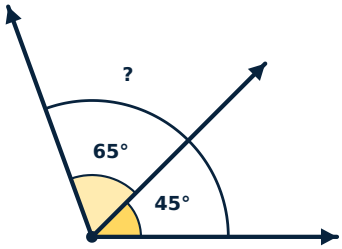
45

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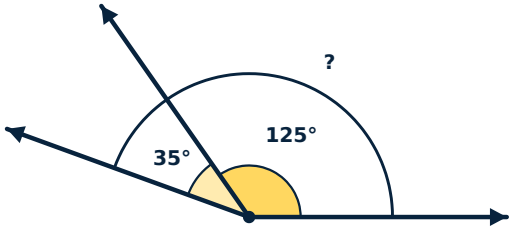
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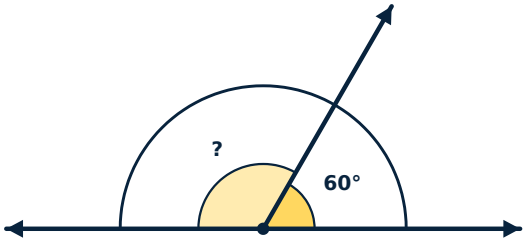
110

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160

10. 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