Arithmetic

1. 7.83 + 8.293

2. 21 x 0

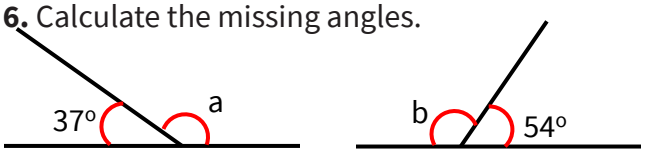
3. 3,532 x 89

4. 32% of 760

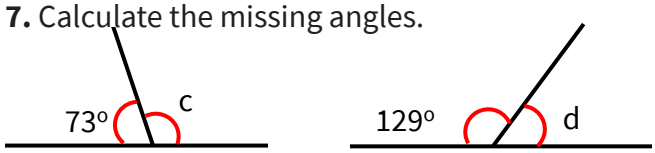
Practice: Calculate Angles (Including Vertically Opposite)

5. Recap: Complete the sentences.
There are ? degrees in a right angle, ? on a straight line and ? in a full turn.

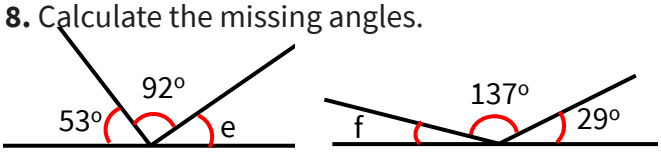
6. Calculate the missing angles.



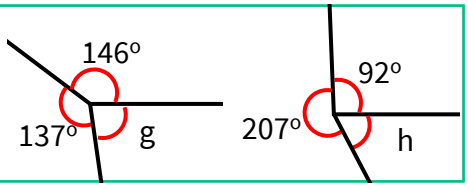
7. Calculate the missing angles.



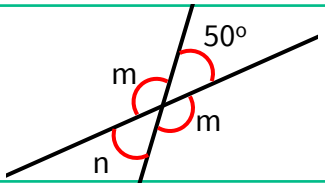
8. Calculate the missing angles.



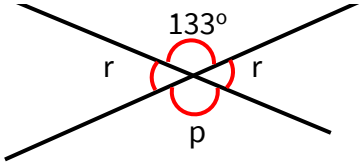
9. Calculate the missing angles.



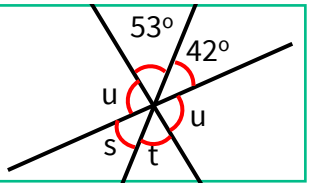
10. Explain how you would find the missing angles.



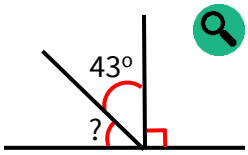
11. Calculate the missing angles.



12. Calculate the missing angles.

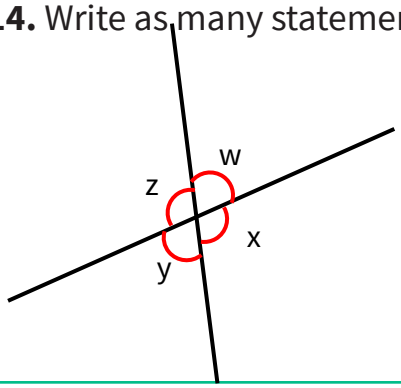


13. Tyler says the missing angle is 227°. Is he correct? Explain.



Challenge

14. Write as many statements as you can about the angles



You might want to talk to an adult

Spot the mistake

Answers

Q no.	Question	Answer
1	7.83 + 8.293	16.123
2	21 x 0	0
3	3,532 x 89	314,348
4	32% of 760	243.2
5	Complete the sentences.	90, 180, 360
6	Calculate the missing angles.	a. 143°, b. 126°
7	Calculate the missing angles.	c. 107°, d. 51°
8	Calculate the missing angles.	e. 35°, f. 14°
9	Calculate the missing angles.	g. 77°, h. 61°
10	Explain how you would find the missing angles.	To find the missing angle, pupils need to understand that opposite angles are equal. When they understand this, they can identify n = 50°, m = 130°
11	Calculate the missing angles.	p. 133°, r. 47°
12	Calculate the missing angles.	s. 42°, t. 53°, u. 85°
13	Tyler says the missing angle is 227°. Is he correct? Explain.	Tyler is incorrect. He has calculated 43° + 90° and subtracted this from 360° (a full circle) instead of 180° (a straight line). The correct answer is 47°.
14	Write as many statements as you can about the angles.	Answers will vary. Example answers w and y are vertically opposite. w + z = 180° w + x + y + z = 360°