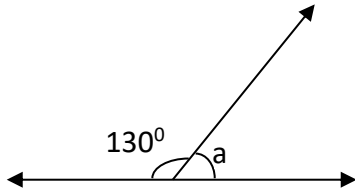


MATHS WORKSHEETS -GEOMETRY- ANGLE- ON A STRAIGHT LINE, AT A POINT AND VERTICALLY OPPOSITE ANGLES

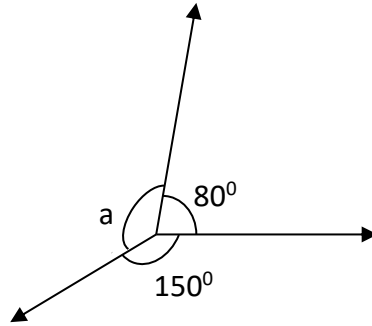
Find the missing angles

1.



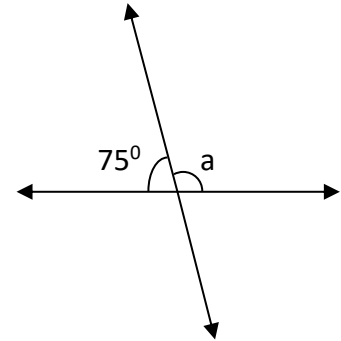
Answer:

2.



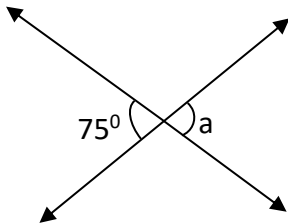
Answer:

3.



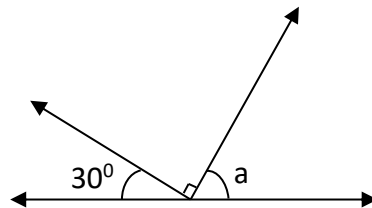
Answer:

4.



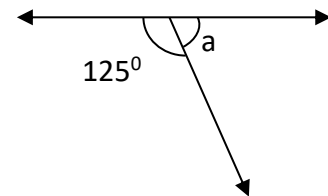
Answer:

5.



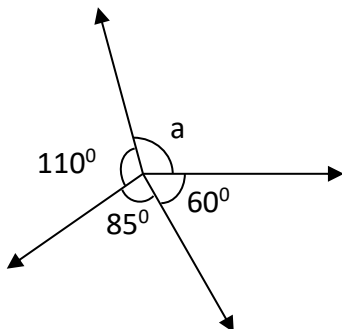
Answer:

6.



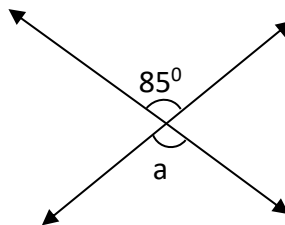
Answer:

7.



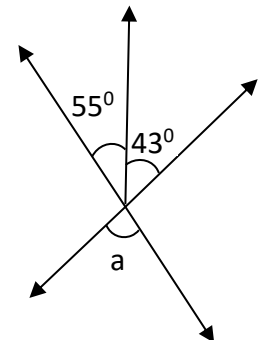
Answer:

8.



Answer:

9.

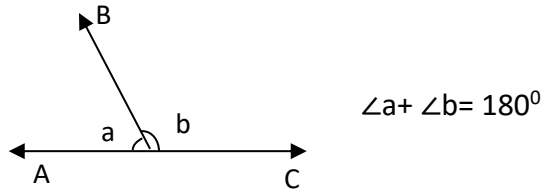


Answer:

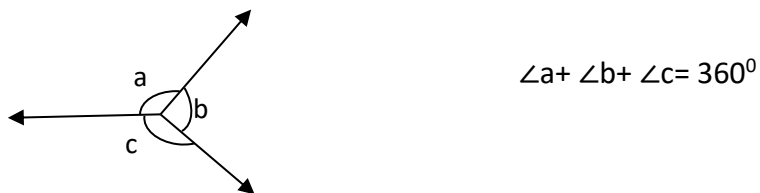
MATHS WORKSHEETS -GEOMETRY- ANGLE- ON A STRAIGHT LINE, AT A POINT AND VERTICALLY OPPOSITE ANGLES

Answer Key:

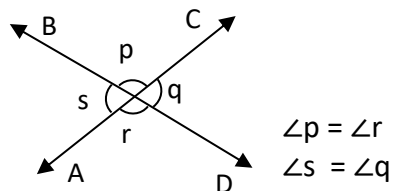
1. The sum of angle measures on a straight line is 180°



2. The sum of angle measures at a point is 360°



3. Vertically opposite angles have equal measures



- $\angle a = 180 - 130 = 50^\circ$
- $\angle a = 360 - (150 + 80) = 130^\circ$
- $\angle a = 180 - 75 = 105^\circ$
- $\angle a = 75^\circ$
- $\angle a = 180 - (90 + 30) = 180 - 120 = 60^\circ$
- $\angle a = 180 - 125 = 55^\circ$
- $\angle a = 360 - (110 + 85 + 60) = 105^\circ$
- $\angle a = 85^\circ$
- $\angle a = 55 + 43 = 98^\circ$