Geometry — Practice Test

Prince Edward Island Apprenticeship and Workplace Mathematics 10 • 25 questions

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Angles in a triangle measure 60 degrees and 70 degrees. The third angle in degrees is**

ANSWER _____

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2 **Two angles on a straight line measure 60 degrees and 70 degrees. Their sum in degrees is**

ANSWER _____

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3 **In workplace geometry, what is the main purpose or meaning of circle?**

- A round shape with a centre
- B distance from centre to edge
- C distance across a circle through centre
- D matching halves of a shape

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4 **In workplace geometry, what is the main purpose or meaning of diameter?**

- A matching halves of a shape
- B closed shape with straight sides
- C amount of turn between lines
- D distance across a circle through centre

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5 **In workplace geometry, what is the main purpose or meaning of parallel lines?**

A lines meeting at right angles

B shape with three sides

C shape with four sides

D lines that never meet

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6 **In workplace geometry, what is the main purpose or meaning of perpendicular lines?**

A shape with three sides

B lines meeting at right angles

C shape with four sides

D round shape with a centre

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7 **In workplace geometry, what is the main purpose or meaning of polygon?**

A amount of turn between lines

B lines that never meet

C lines meeting at right angles

D closed shape with straight sides

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8 **In workplace geometry, what is the main purpose or meaning of quadrilateral?**

A shape with four sides

B round shape with a centre

C distance from centre to edge

D distance across a circle through centre

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9 **In workplace geometry, what is the main purpose or meaning of radius?**

A distance across a circle through centre

B distance from centre to edge

C matching halves of a shape

D closed shape with straight sides

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10 **In workplace geometry, what is the main purpose or meaning of symmetry?**

A closed shape with straight sides

B matching halves of a shape

C amount of turn between lines

D lines that never meet

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11 **In workplace geometry, what is the main purpose or meaning of triangle?**

- A shape with four sides
- B round shape with a centre
- C distance from centre to edge
- D shape with three sides

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12 **In workplace geometry, which term matches this description: amount of turn between lines?**

- A angle
- B parallel lines
- C perpendicular lines
- D triangle

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13 **In workplace geometry, which term matches this description: closed shape with straight sides?**

- A angle
- B parallel lines
- C polygon
- D perpendicular lines

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14 **In workplace geometry, which term matches this description: distance across a circle through centre?**

- A symmetry
- B polygon
- C diameter
- D angle

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15 **In workplace geometry, which term matches this description: distance from centre to edge?**

- A radius
- B diameter
- C symmetry
- D polygon

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16 **In workplace geometry, which term matches this description: lines meeting at right angles?**

- A perpendicular lines
- B triangle
- C quadrilateral
- D circle

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17 **In workplace geometry, which term matches this description: lines that never meet?**

A perpendicular lines

B triangle

C parallel lines

D quadrilateral

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18 **In workplace geometry, which term matches this description: matching halves of a shape?**

A symmetry

B polygon

C angle

D parallel lines

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19 **In workplace geometry, which term matches this description: round shape with a centre?**

- A radius
- B circle
- C diameter
- D symmetry

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20 **In workplace geometry, which term matches this description: shape with four sides?**

- A quadrilateral
- B circle
- C radius
- D diameter

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21 **In workplace geometry, which term matches this description: shape with three sides?**

A quadrilateral

B circle

C triangle

D radius

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22 **Angles in a triangle measure 50 degrees and 80 degrees. The third angle in degrees is**

ANSWER _____

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23 **Two angles on a straight line measure 50 degrees and 80 degrees. Their sum in degrees is**

ANSWER _____

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24 **Angles in a triangle measure 40 degrees and 50 degrees. The third angle in degrees is**

ANSWER _____

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25 **Two angles on a straight line measure 40 degrees and 50 degrees. Their sum in degrees is**

ANSWER _____

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ANSWER KEY

1.	50	**10.**	B	**19.**	B
2.	130	**11.**	D	**20.**	A
3.	A	**12.**	A	**21.**	C
4.	D	**13.**	C	**22.**	50
5.	D	**14.**	C	**23.**	130
6.	B	**15.**	A	**24.**	90
7.	D	**16.**	A	**25.**	90
8.	A	**17.**	C		
9.	B	**18.**	A		

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