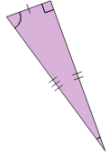




Use the triangle angle sum

1

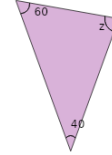
What would the sum of the inside angles on this shape be?



- | | | |
|---------------|---------------|---------------|
| A 240° | B 180° | C 300° |
| D 120° | E 210° | F 270° |

2

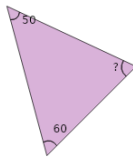
What is known about the angles labelled 60, 40, z



- | | | |
|----------------------------|---|------------------------|
| A 60 and 40 add to z | B 60, 40, and z add up to 180° | C 60 is the same as 40 |
| D 60 and 40 add to twice z | E Nothing, 60, 40, and z are not related by any geometry rule | F 60 is half 40 |

3

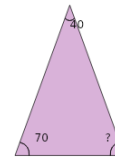
Find the equation that will help you calculate the missing angle of the triangle



- | | | |
|-----------------------|--------------------------|----------------------|
| A $50 - 60 - ? = 360$ | B $50 + 60 + ? = 180$ | C $50 + 60 + ? = 90$ |
| D $50 + 60 + ? = 360$ | E $2(50 + 60 + ?) = 180$ | |

4

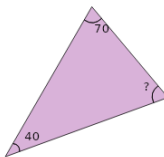
Find the missing angle of the triangle given that the interior angles must add up to 180°



- | | | |
|------|------|------|
| A 40 | B 60 | C 90 |
| D 50 | E 80 | F 70 |

5

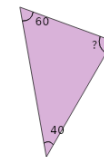
Find the missing angle of the triangle given that the interior angles must add up to 180°



- | | | |
|------|------|------|
| A 80 | B 90 | C 60 |
| D 40 | E 70 | F 50 |

6

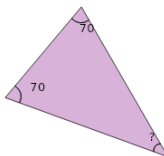
Find the missing angle of the triangle given that the interior angles must add up to 180°



- | | | |
|-------|------|------|
| A 100 | B 80 | C 50 |
| D 60 | E 70 | F 90 |

7

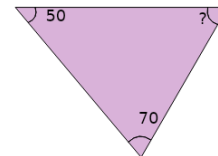
Find the missing angle of the triangle given that the interior angles must add up to 180°



- | | | |
|------|------|------|
| A 20 | B 10 | C 60 |
| D 50 | E 40 | F 30 |

8

Find the missing angle of the triangle given that the interior angles must add up to 180°



- | | | |
|------|------|------|
| A 60 | B 80 | C 90 |
| D 40 | E 30 | F 70 |



Use the triangle angle sum

9

Find the missing angle of the triangle given that the interior angles must add up to 180°



A 100

B 110

C 90

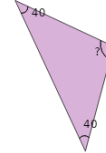
D 70

E 80

F 120

10

Find the missing angle of the triangle given that the interior angles must add up to 180°



A 80

B 90

C 110

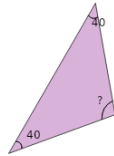
D 120

E 100

F 70

11

Find the missing angle of the triangle given that the interior angles must add up to 180°



A 120

B 110

C 130

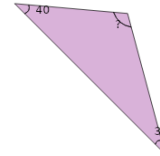
D 90

E 100

F 70

12

Find the missing angle of the triangle given that the interior angles must add up to 180°



A 120

B 100

C 140

D 90

E 130

F 110