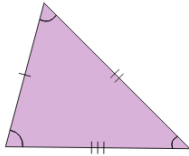




Find a missing angle in a triangle

1

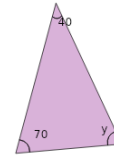
What would the sum of the inside angles on this shape be?



- | | | |
|---------------|---------------|---------------|
| A 120° | B 180° | C 300° |
| D 150° | E 90° | F 360° |

2

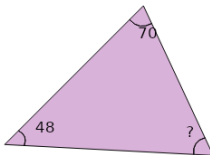
What is known about the angles labelled 40, 70, y



- | | | |
|---|------------------------|---------------------------------------|
| A 40, 70, and y add up to 180° | B 40 is the same as 70 | C 40, 70, and y add up to 360° |
| D Nothing, 40, 70, and y are not related by any geometry rule | E 40 is half 70 | F y and 70 add to 40 |

3

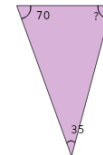
Find the equation that will help you calculate the missing angle of the triangle



- | | | |
|--------------------------|-----------------------|-----------------------|
| A $2(70 + 48 + ?) = 180$ | B $70 + 48 + ? = 90$ | C $70 + 48 + ? = 360$ |
| D $70 + 48 + ? = 180$ | E $70 - 48 - ? = 360$ | |

4

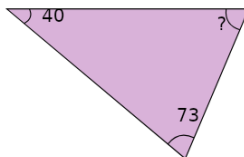
Find the missing angle of the triangle given that the interior angles must add up to 180°



- | | | |
|------|------|------|
| A 75 | B 83 | C 45 |
| D 60 | E 53 | F 90 |

5

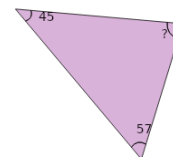
Find the missing angle of the triangle given that the interior angles must add up to 180°



- | | | |
|------|------|------|
| A 82 | B 67 | C 97 |
| D 90 | E 45 | F 37 |

6

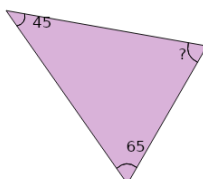
Find the missing angle of the triangle given that the interior angles must add up to 180°



- | | | |
|-------|------|------|
| A 48 | B 63 | C 93 |
| D 101 | E 78 | F 56 |

7

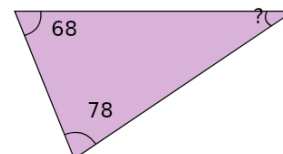
Find the missing angle of the triangle



- | | | |
|------|------|------|
| A 50 | B 80 | C 90 |
| D 60 | E 55 | F 70 |

8

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



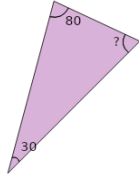
- | | | |
|------|------|------|
| A 19 | B 27 | C 57 |
| D 42 | E 34 | F 64 |



Find a missing angle in a triangle

9

Find the missing angle of the triangle



A 60

B 50

C 55

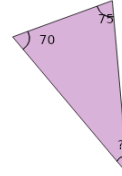
D 70

E 40

F 90

10

Find the missing angle of the triangle



A 40

B 55

C 30

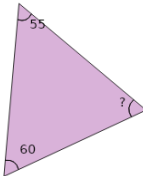
D 35

E 10

F 20

11

Find the missing angle of the triangle



A 65

B 75

C 50

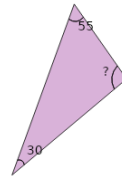
D 60

E 45

F 35

12

Find the missing angle of the triangle



A 95

B 65

C 105

D 75

E 110

F 125