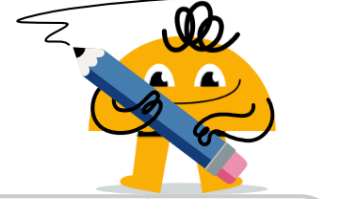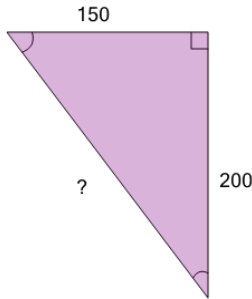# Pythagorean Triples (Scaled) - Either Missing Length

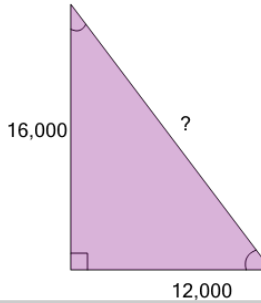**1** Find the length of the missing side as a decimal value based on the Pythagorean theorem

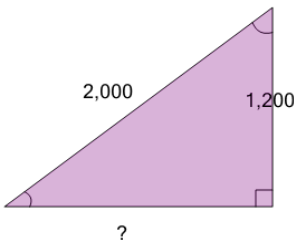150
?
200

A	B	C
230	240	350

D	E	F
250	130	220

2 Find the length of the missing side as a decimal value based on the Pythagorean theorem

16,000
?
12,000

A	B
192,000	22,000

C	D
18,000	21,000

E	F
23,000	20,000

3 Find the length of the missing side as a decimal value based on the Pythagorean theorem

2,000
1,200
?

A	B
1,600	800

C	D
1,400	1,800

E	F
24,000	3,200

4 Find the length of the missing side as a decimal value based on the Pythagorean theorem
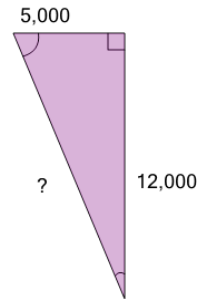
5,000
?
12,000

A	B
12,000	60,000

C	D
11,000	16,000

E	F
13,000	15,000

5 Find the length of the missing side as a decimal value based on the Pythagorean theorem
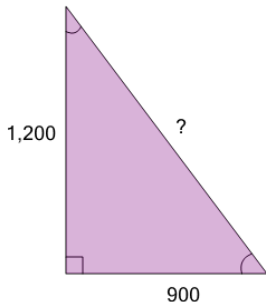
1,200
?
900

A	B	C
1,100	1,200	1,500

D	E	F
1,300	800	1,800

6 Find the length of the missing side as a decimal value based on the Pythagorean theorem

?
9,000
15,000
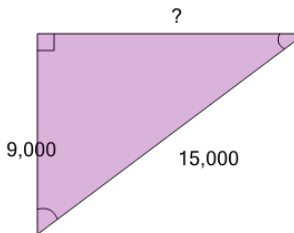
A	B
17,000	7,000

C	D
135,000	12,000

E	F
24,000	11,000

7 Find the length of the missing side as a decimal value based on the Pythagorean theorem

?
15,000
25,000
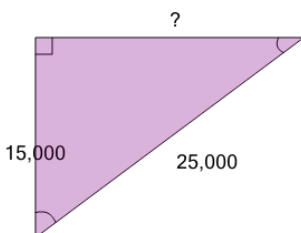
A	B
20,000	12,000

C	D
40,000	375,000

E	F
15,000	28,000

8 Find the length of the missing side as a decimal value based on the Pythagorean theorem

?
1,300
500
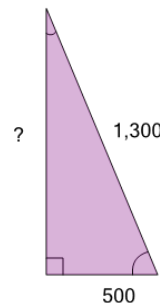
A	B	C
1,200	1,500	1,600

D	E	F
1,300	1,100	1,800