mobius
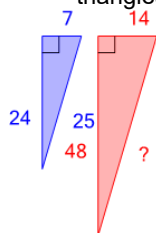
Pythagorean Triple Pairs - Solve Hypotenuse

1 Find the length of the missing side given that these are similar triangles
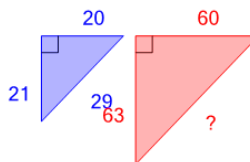
7 14
24 25
48 ?

(not to scale)

	A	B	C
	25	75	50
	D	E	F
	85	55	40

2 Find the length of the missing side given that these are similar triangles

20 60
21 29
63 ?

(not to scale)

	A	B	C
	47	63	151
	D	E	F
	55	135	87

3 Find the length of the missing side given that these are similar triangles

5 15
12 13
36 ?
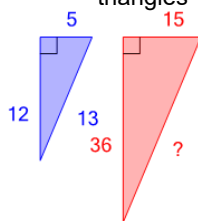
(not to scale)

	A	B	C
	66	39	36
	D	E	F
	18	42	30

4 Find the length of the missing side given that these are similar triangles

7 21
24 25
72 ?
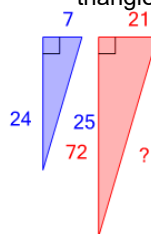
(not to scale)

	A	B	C
	12	40	33
	D	E	F
	75	54	110

5 Find the length of the missing side given that these are similar triangles

7 21
24 25
72 ?
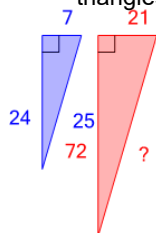
(not to scale)

	A	B	C
	68	75	82
	D	E	F
	26	47	117

6 Find the length of the missing side given that these are similar triangles

20 40
21 29
42 ?
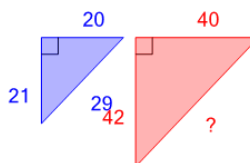
(not to scale)

	A	B	C
	28	73	58
	D	E	F
	88	43	83

7 Find the length of the missing side given that these are similar triangles

20 40
21 29
42 ?
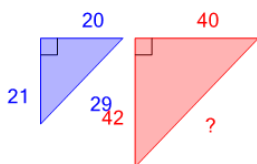
(not to scale)

	A	B	C
	58	23	33
	D	E	F
	73	88	103

8 Find the length of the missing side given that these are similar triangles

20 60
21 29
63 ?
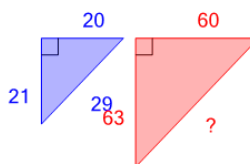
(not to scale)

	A	B	C
	31	39	95
	D	E	F
	87	15	7