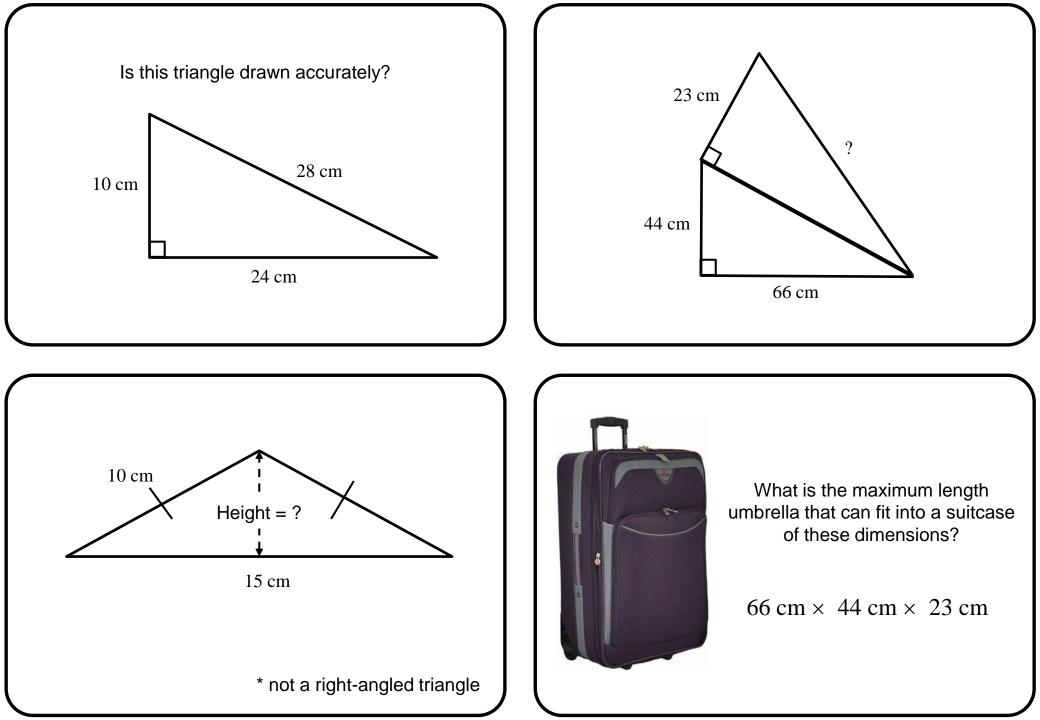
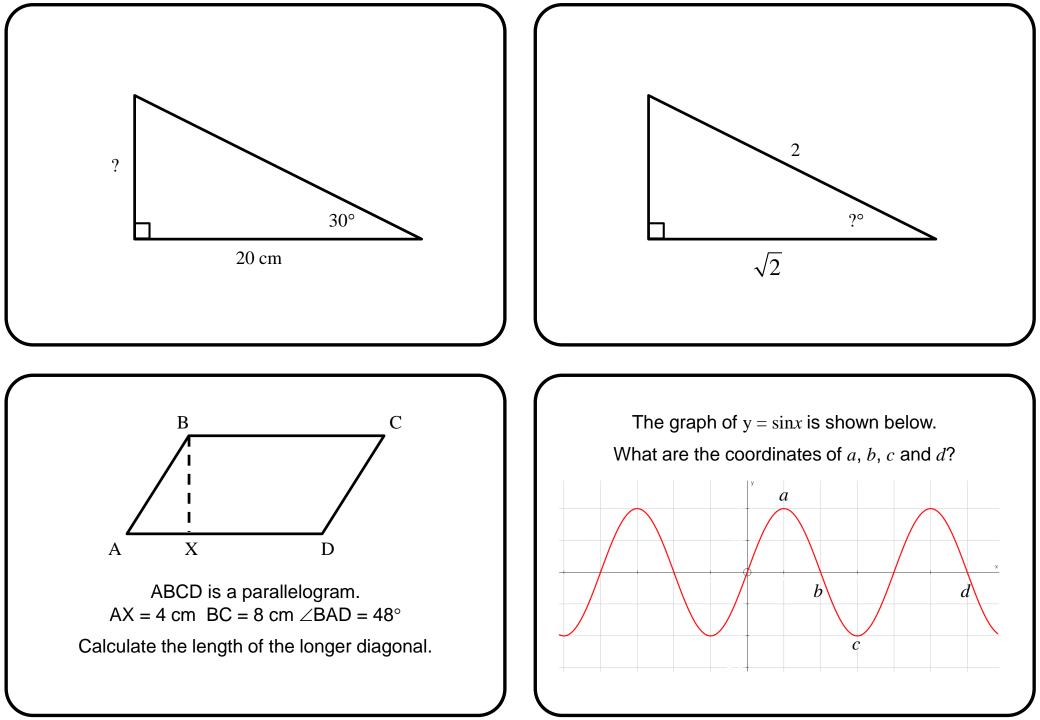
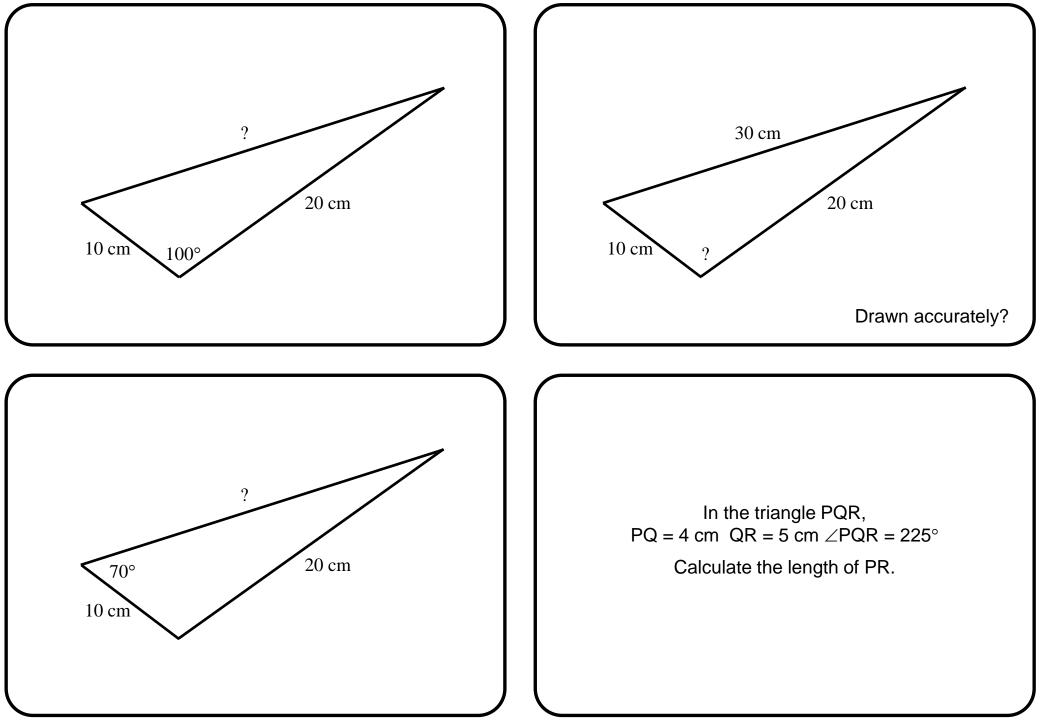
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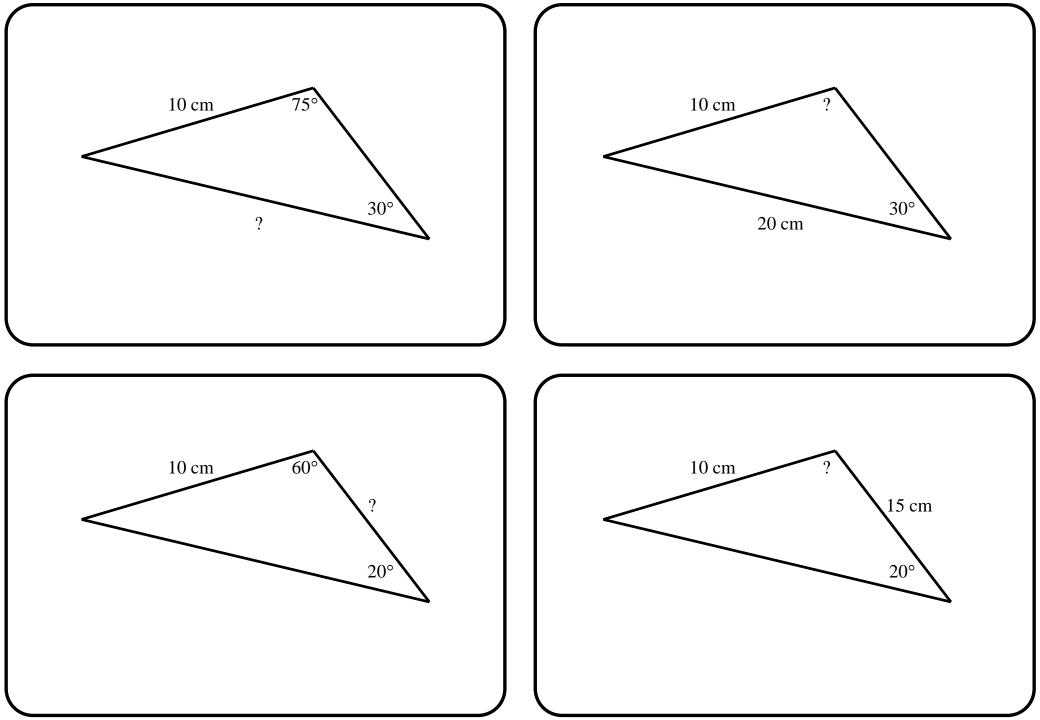
1.This slide
2.One slide of questions based on using Pythagoras
3.One slide of questions based on using standard trigonometry
4.One slide of questions based on using the cosine rule
5.One slide of questions based on using the sine rule
6.One slide of questions based on using the sine rule for area
7.One slide containing answers

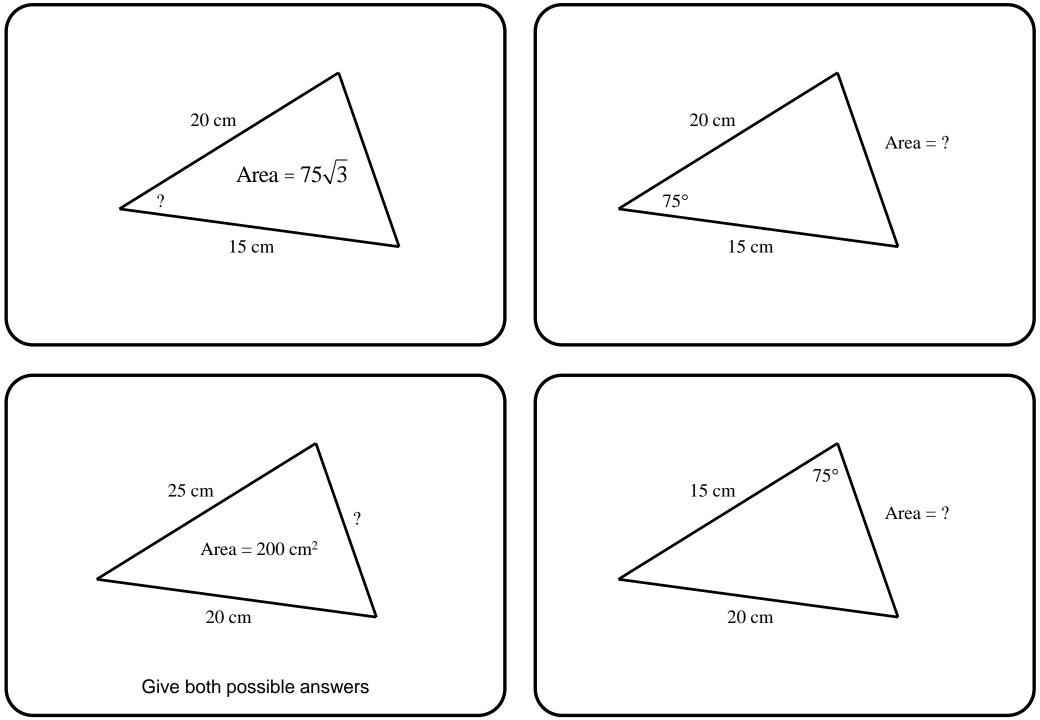
Slides aren't titled to make students think further.











## Answers

Pythagoras (the one with the suitcase)	Standard Trig (the one with the sin graph)
1.No, $10^2 + 24^2 \neq 28^2$ ∴ non RA. 2.82.59 cm 3. $(5\sqrt{7})/2 \approx 6.61$ 4.82.59 cm (same answer as question 2)	1.(20√3)/3 ≈ 11.55 2.45° 3.12.27 cm 4.(90, 1), (180,0), (270,-1), (540,0)
Cosine Rule (one with the worded question)	Sine Rule
1.23.86 cm 2.180° ∴ not a triangle (check the lengths) 3.21.07 cm 4.(41+20 $\sqrt{2}$ ) <sup>1/2</sup> ≈ 8.32 cm	1.5 $\sqrt{6}$ +5 $\sqrt{2}$ ≈ 19.31 cm 2.90° 3.19.69 cm 4.129.13°
Sine Rule for Area (one about areas)	
1.60° 2.(75√6+75√2)/2 ≈ 144.89 cm <sup>2</sup> 3.20.615 cm and 40.31 cm 4.128 cm <sup>2</sup>	