

Lesson Starter for Lesson 6

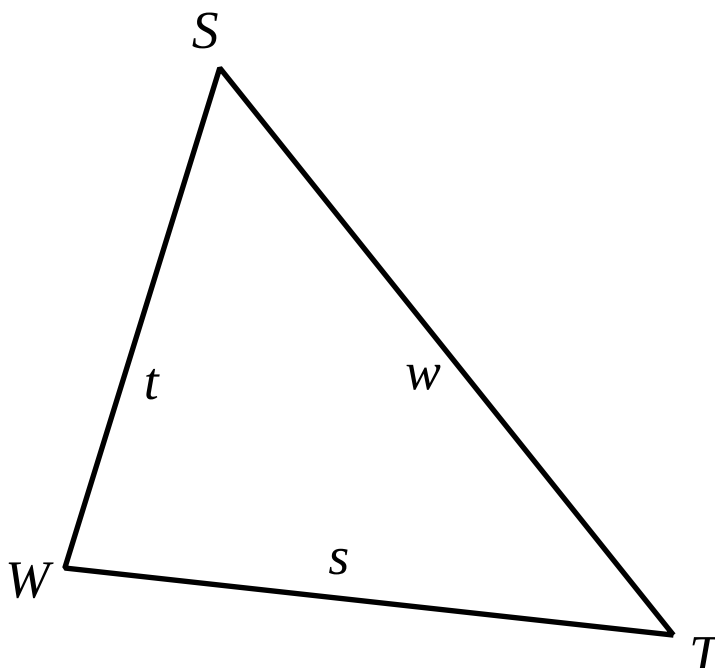
GCSE Mathematics Non-Right Angled Trigonometry

6.start.1 $\triangle STW$ (Save The Whale)

The reversed cosine rule:

$$\cos A = \frac{b^2 + c^2 - a^2}{2bc}$$

Consider this triangle:



Write down the reversed cosine rule to find $\cos W$

$$\cos W =$$

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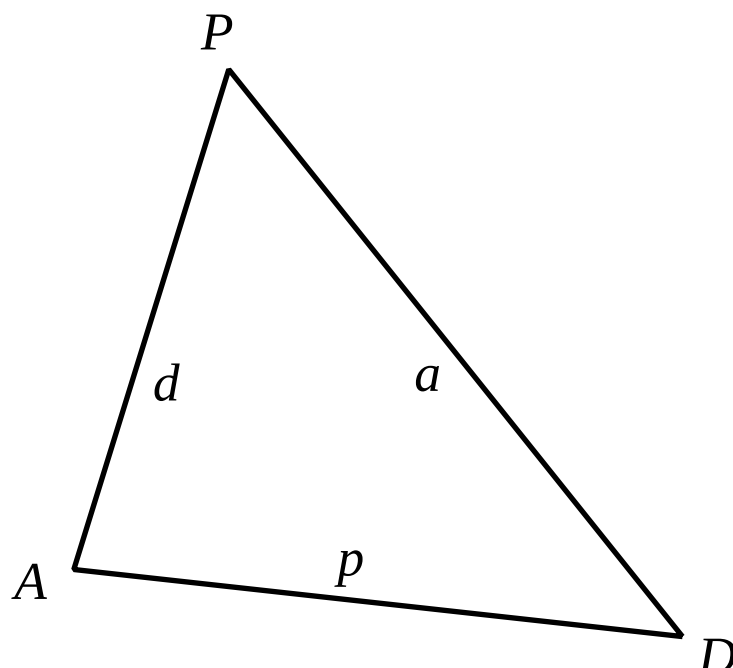
GCSE Mathematics Non-Right Angled Trigonometry

6.start.2 $\triangle PAD$ (Pandas Are Dying)

The reversed cosine rule:

$$\cos A = \frac{b^2 + c^2 - a^2}{2bc}$$

Consider this triangle:



Write down the reversed cosine rule to find $\cos D$

$\cos D =$

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In October 2020, Shrewsbury School was voted “**Independent School of the Year 2020**”

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Teachers may obtain detailed worked solutions to the exercises by email from MHHShrewsbury@Gmail.com