1. Here are two proportional formula triangles

area
÷   ÷
width   ✕   height

÷   ÷
✕

Calculate the width of the rectangular side of a building when

   area = 42.9 m^2

   height = 5.5 m

.... m

2. Here are two proportional formula triangles

price
÷   ÷
unit price   ✕   volume

÷   ÷
✕

Calculate the price of a tank of petrol when

   unit price = £1.63 per litre

   volume = 83 litres

£ ....

proportionalFormulaYC (P-L 1C) 1: 7.8, 2: 135.29, 3: 3, 4: 4312

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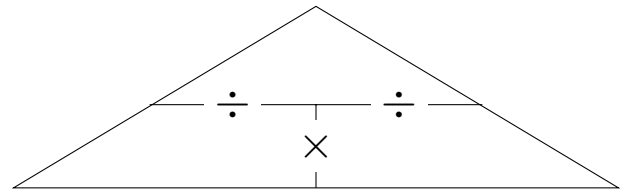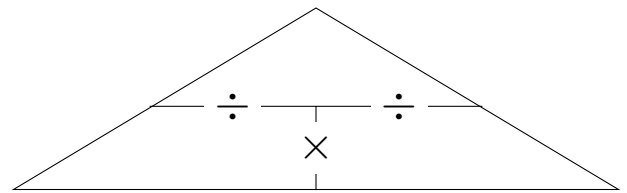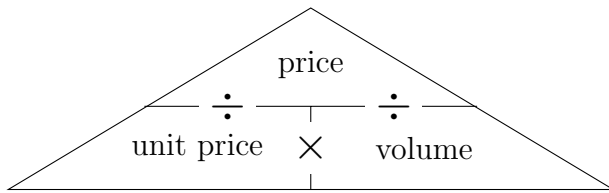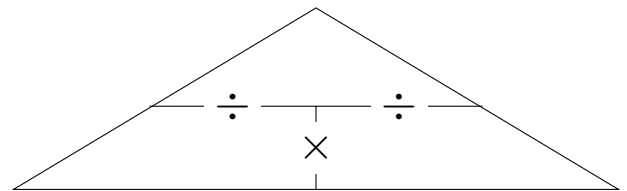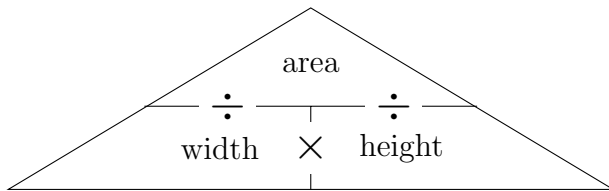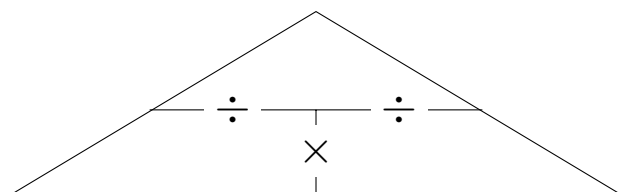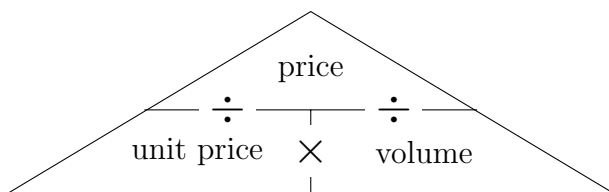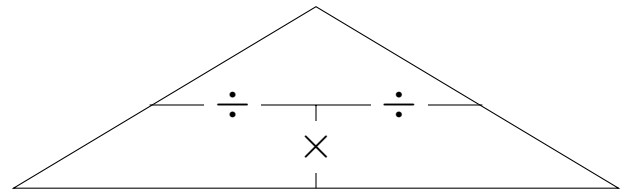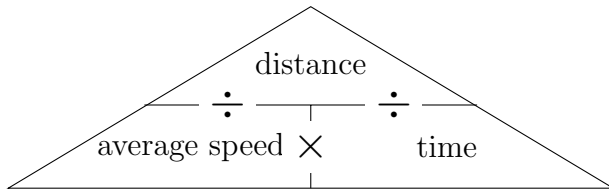
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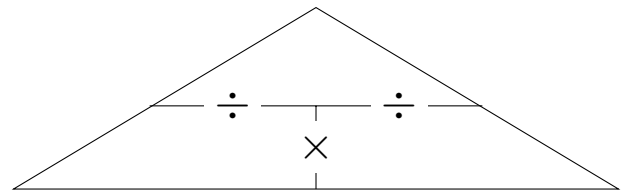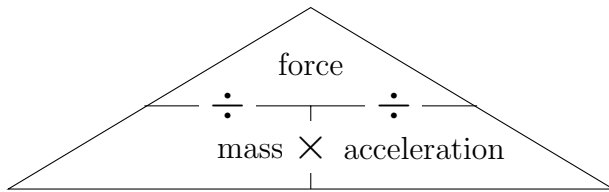3. Here are two proportional formula triangles

Calculate the time a cyclist takes for a journey where

distance = 67.5 miles

average speed = 22.5 mph

.... hours

4. Here are two proportional formula triangles

Calculate the force of fun fair ride when

mass = 385 kg

acceleration = 11.2 m/s^2

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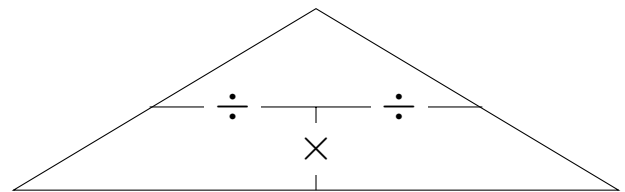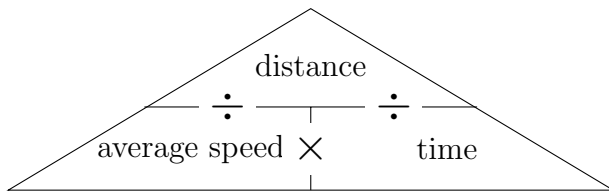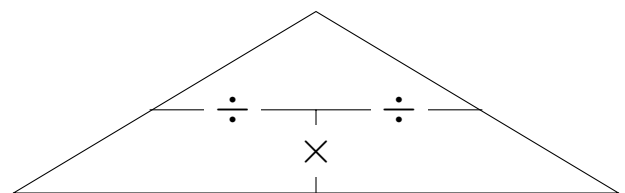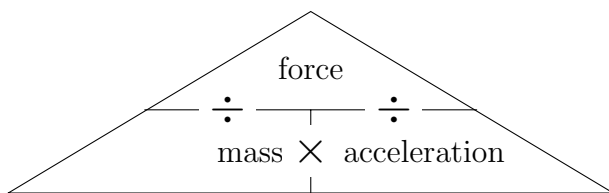
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