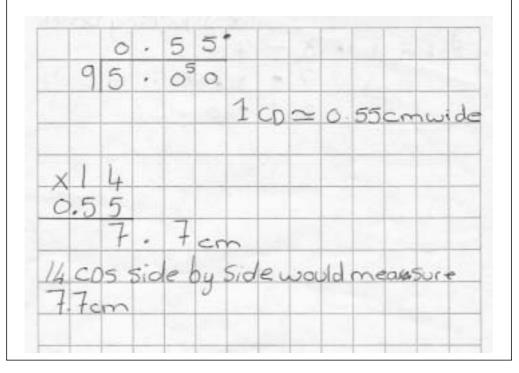
Pupils' solutions to proportion problems: Stacking CDs

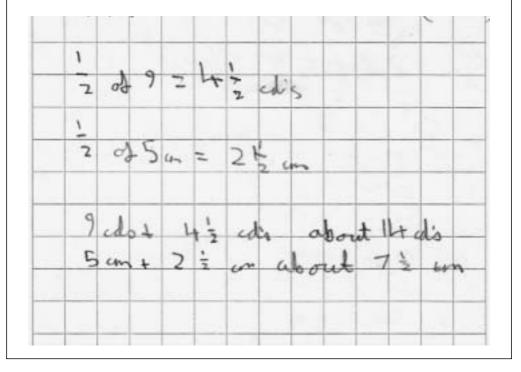
Kelsey's solution

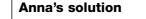
9 CDs put side by side on a shelf measure 5 cm. How many centimetres would 14 CDs placed side by side measure?



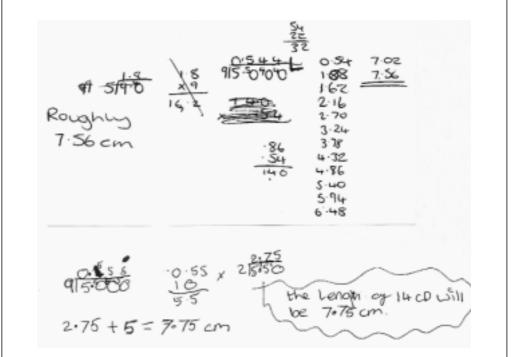
David's solution

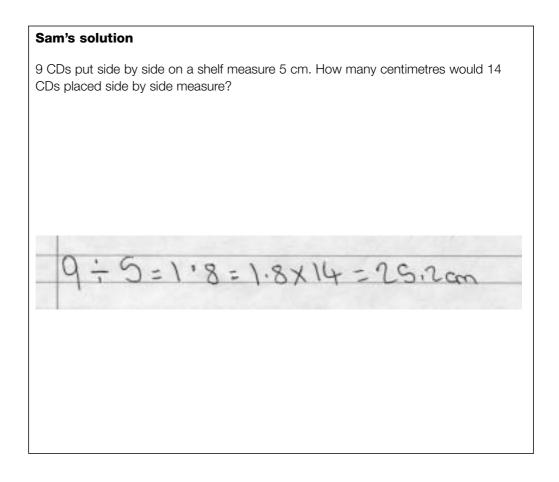
9 CDs put side by side on a shelf measure 5 cm. How many centimetres would 14 CDs placed side by side measure?

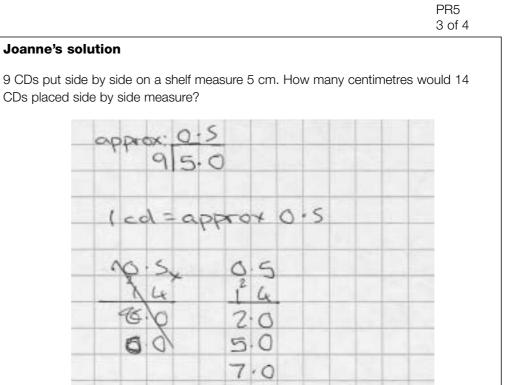




9 CDs put side by side on a shelf measure 5 cm. How many centimetres would 14 CDs placed side by side measure?





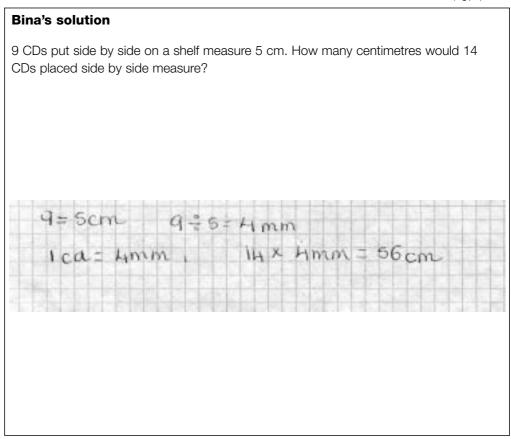


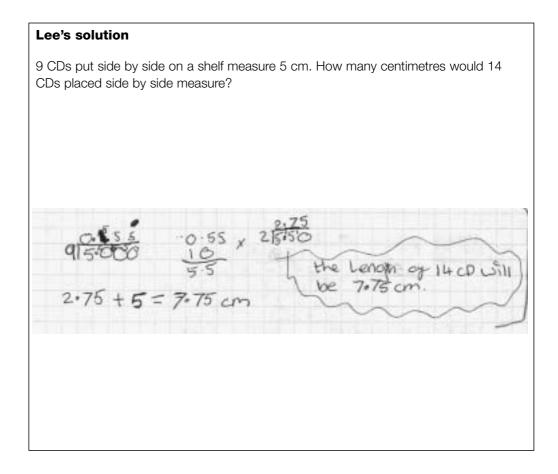
7.0 cm (opprox)

4 cd's =

١

Ratio		9 C D s	5cm	
		14 CD5	more	and the second
	=7	14 CDs 9 CDs	x 5 cm	= 7,711777718
			nu ne	= 7.8cm (1.dp)





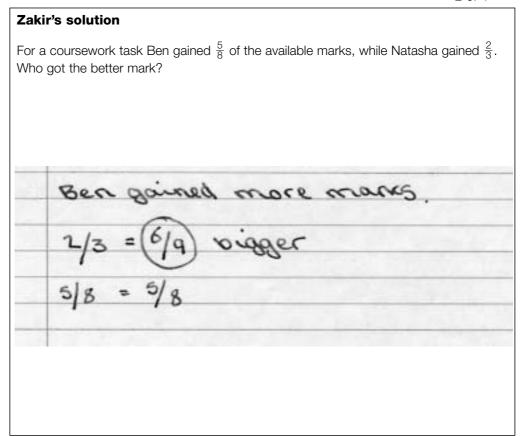
Pupils' solutions to proportion problems: Coursework

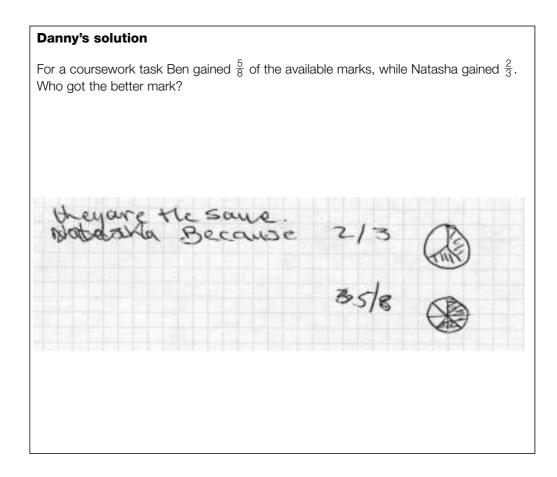
Asjad's solution

For a coursework task Ben gained $\frac{5}{8}$ of the available marks, while Natasha gained $\frac{2}{3}$. Who got the better mark?

100 =8 = 12.5 × 8 = 5/ 62.5 ben's mark out of 100 22 4 00 X natoska's mork 66.6 natash Lun. higher mark 05 0

Daniel's solution				
For a coursework task Ben gained $\frac{5}{8}$ of the available marks, while Natasha gained $\frac{2}{3}$. Who got the better mark?				
Ben got 518 5:8=0.625 Natasha got 2/3 2:3=0.66° this means natasha got the betty mark				





	3 Of 4
Natasha's solution	
For a coursework task Ber Who got the better mark?	n gained $\frac{5}{8}$ of the available marks, while Natasha gained $\frac{2}{3}$.
Natasha 1, whereas Ber 1, so therefore	he has all which is 1/3 away from has sky which is 318 away from a Natosha has the highest mark,

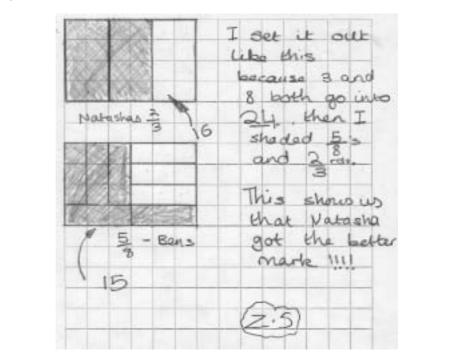
Sam's solution

For a coursework task Ben gained $\frac{5}{8}$ of the available marks, while Natasha gained $\frac{2}{3}$. Who got the better mark?



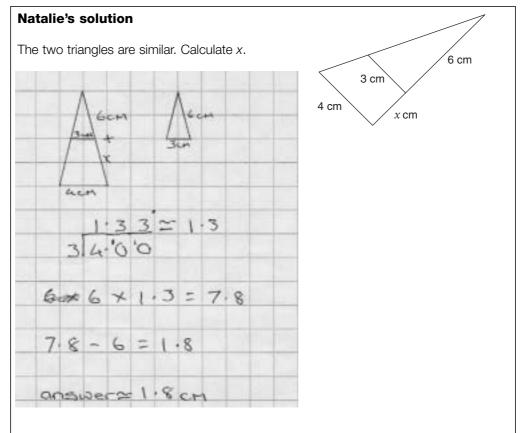
Sarah's solution

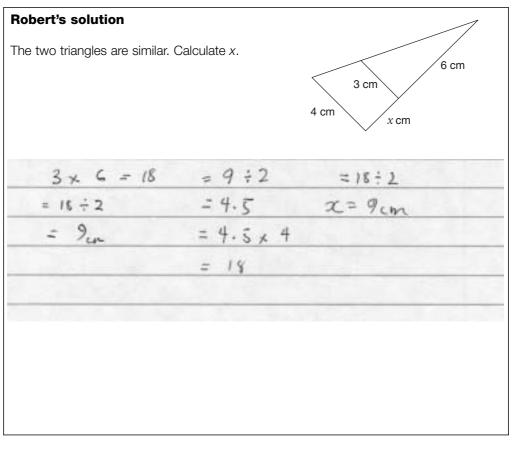
For a coursework task Ben gained $\frac{5}{8}$ of the available marks, while Natasha gained $\frac{2}{3}$. Who got the better mark?

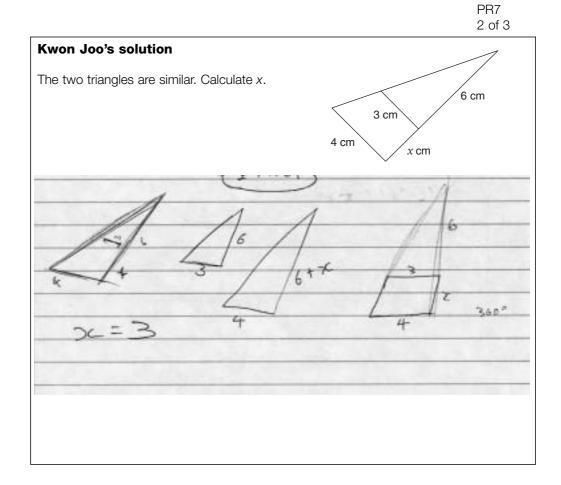


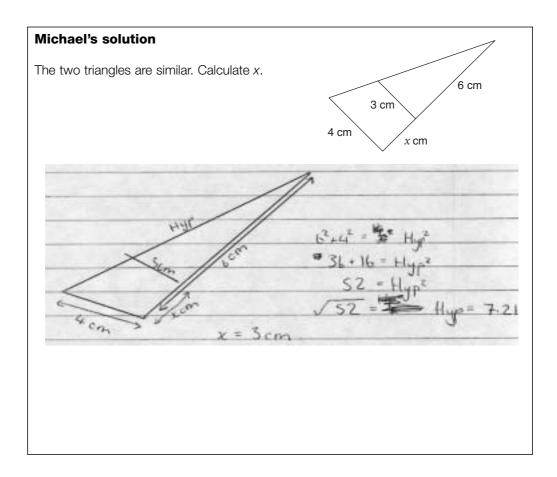
Pupils' solutions to proportion problems: Similar

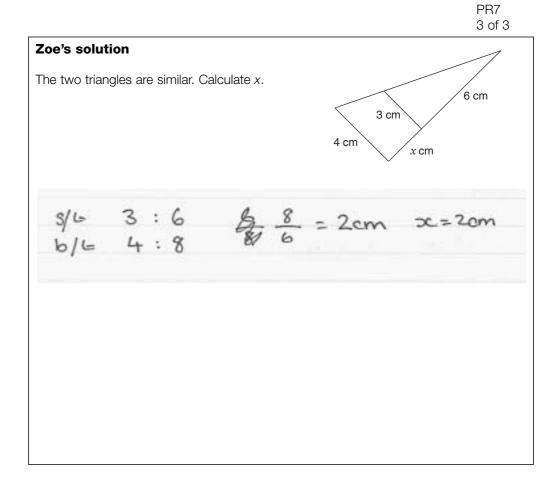
triangles

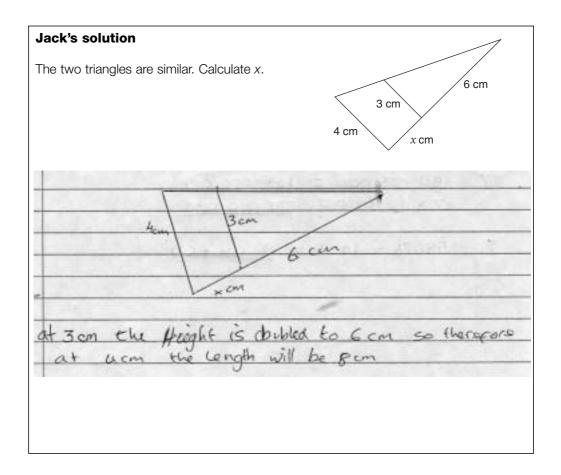








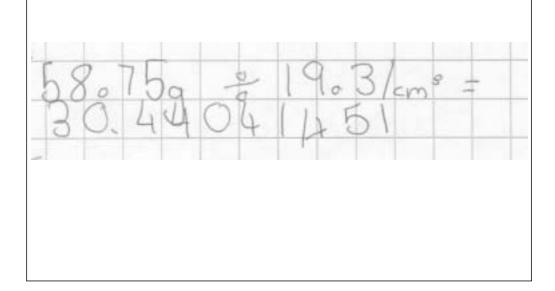




Pupils' solutions to proportion problems: Gold brooch

Vamezy's solution

A gold brooch weighs 58.75 g. The density of gold is 19.3 g/cm^3 . What volume of gold is used to make the brooch?



James's solution A gold brooch weighs 58.75 g. The density of gold is 19.3 g/cm³. What volume of gold is used to make the brooch? B = 58.75.9 Icm³ = 19.39 S8.75 = 3.04cm³

