

2E ARITMETICA

ESERCIZIO 6 pag. 111

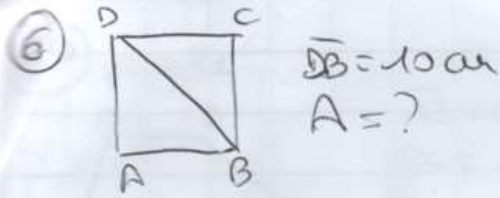
$$7; 49; 56; 8 \rightarrow \begin{aligned} 7:49 &= 8:56 \\ 56:8 &= 49:7 \\ 7:8 &= 49:56 \\ 49:7 &= 56:8 \end{aligned}$$

$$10; 25; 4; 10 \rightarrow \begin{aligned} 10:4 &= 25:10 \\ 4:10 &= 10:25 \\ 25:10 &= 10:4 \\ 10:25 &= 4:10 \end{aligned}$$

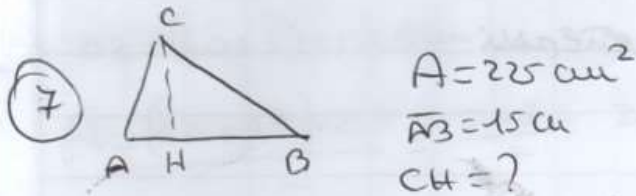
$$18; 3; 1; 6 \rightarrow \begin{aligned} 18:3 &= 6:1 \\ 18:6 &= 3:1 \\ 1:3 &= 6:18 \\ 3:18 &= 1:6 \end{aligned}$$

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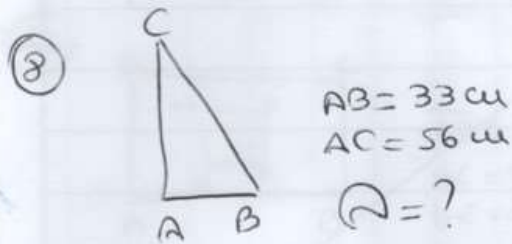
PROPORCIÓN	ANTECEDENTE	CONSECUENTE	MEDI	ESTREMO
$24:6=8:2$	$24 e 8$	$6 e 2$	$6 e 8$	$24 e 2$
$16:2=72:9$	$16 e 72$	$2 e 9$	$2 e 72$	$16 e 9$
$15:6=5:2$	$15 e 5$	$6 e 2$	$6 e 5$	$15 e 2$
$\frac{7}{4}:1,6=\frac{7}{5}:1,3$	$\frac{7}{4} e \frac{7}{5}$	$1,6 e 1,3$	$1,6 e \frac{7}{5}$	$\frac{7}{4} e 1,3$



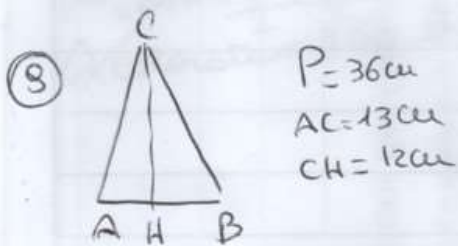
$$A = \frac{10 \cdot 10}{2} = 50 \text{ cm}^2$$



$$CH = \frac{A \times 2}{AB} = \frac{225 \cdot 2}{15} = 30 \text{ cm}$$



$$A = \frac{33 \cdot 56}{2} = 924 \text{ cm}^2$$

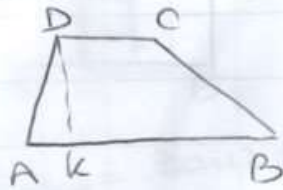


~~A =~~

$$AB = P - (AC \times 2) = 36 - (13 \times 2) = 10 \text{ cm}$$

$$A = \frac{10 \cdot 12}{2} = 60 \text{ cm}^2$$

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$$\overline{AB} = 40 \text{ cm}$$

$$\overline{DC} = 11 \text{ cm}$$

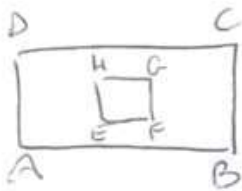
$$\overline{DK} = \frac{1}{5} \text{ di } \overline{AB}$$

$$DK = (40 : 5) \times 1 = 8 \text{ cm}$$

$$A = \frac{(40 + 11) \cdot 8}{2} = \frac{51 \cdot 8}{2} = 204 \text{ cm}^2$$

11) $A = 9 \text{ cm} \rightarrow \frac{261 \times 2}{(46 + 12)} = \frac{522}{58} = 9 \text{ cm}$

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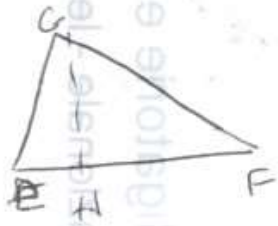
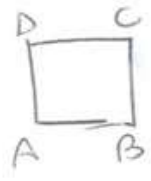
$AB = 30 \text{ cm}$
 $BC = 12 \text{ cm}$
 $GF = 8 \text{ cm}$

$$A_{ABCD} = 30 \cdot 12 = 360 \text{ cm}^2$$

$$A_{EFGH} = \frac{8 \cdot 8}{2} = \frac{64}{2} = 32 \text{ cm}^2$$

$$A_{colorata} = 360 - 32 = 328 \text{ cm}^2$$

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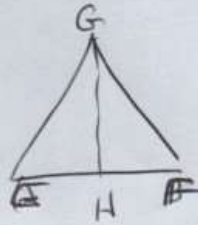
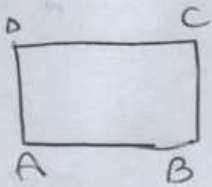
$A_G = A_E$
 $EF = 36 \text{ cm}$
 $GH = 8 \text{ cm}$
 $P_{ABCD} = ?$

$$A_{EFG} = \frac{36 \cdot 8}{2} = 144 \text{ cm}^2 = A_{ABCD}$$

$$\sqrt{144} = 12 \text{ cm } \Delta B$$

$$12 \cdot 4 = 48 \text{ cm } P_{ABCD}$$

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$$EF = GE = GF = 20 \text{ cm}$$

$$P_{ABCD} = P_{EFG}$$

$$BC = 24 \text{ cm}$$

$$A_{ABCD} = ?$$

$$P_{EFG} = 20 \times 3 = 60 \text{ cm}$$

$$60 - (24 \times 2) = 60 - 48 = 12 \text{ cm } (\overline{AD} + \overline{DC})$$

$$12 : 2 = 6 \text{ cm } \overline{AD}$$

$$A = 6 \times 24 = 144 \text{ cm}^2$$