

## SIMILAR TRIANGLES (answers)

1.

<b>a)</b> $x = 2.7 \text{ cm}$	<b>b)</b> $x = 2.14 \text{ cm}$	<b>c)</b> $x = 8.1 \text{ cm}$	<b>d)</b> $x = 12.6 \text{ cm}$	<b>e)</b> $x = 7.58 \text{ cm}$
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2.

<b>a)</b> $d = 9$	$e = 12$	<b>b)</b> $x = 1.5$	$y = 1$
<b>c)</b> $d = 1.5$	$f = 1.25$	<b>d)</b> $p = 4.5$	$q = 6$
<b>e)</b> $n = 12$		<b>f)</b> $p = 4$	
<b>g)</b> $u = 8$	$w = 20$	<b>h)</b> $d = 2.25$	$e = 3.75$
<b>i)</b> $h = 9$		<b>j)</b> $k = 4.8$	$r = 3.6$