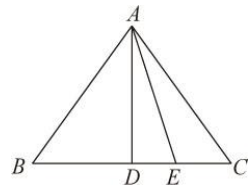


1	2	3	4	5
10	12	50	360	5:4
6	7	8	9	10
15	26	$3\sqrt{5}$	$9/5$	$364/3$

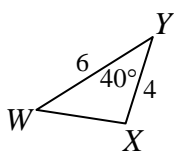
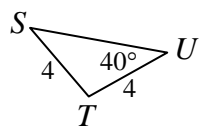
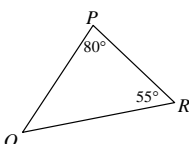
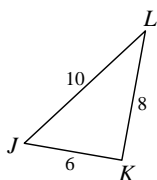
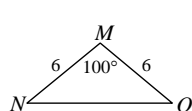
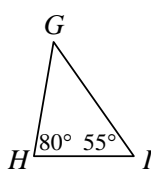
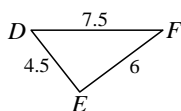
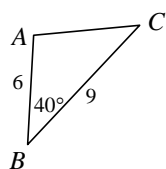
1	D	2	C	3	A	4	B	5	B
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1	2	3	4	5
84/5	(-4, 5)	96/5	$-1 + \sqrt{5}$	ABD

2. $\triangle ABC$ 中，
 \overline{AD} 平分 $\angle BAC$ ，
 \overline{AE} 平分 $\angle DAC$ ，
 若 $\overline{AB} = \overline{AC} = 15$ ， $\overline{BC} = 18$ ，
 求 $\overline{BD} : \overline{DE} : \overline{EC} = ?$ (需寫
 計算過程, 6 分)



3.



- (1) $\triangle ABC \sim \triangle XYW$ (SAS 相似性質) (2) $\triangle DEF \sim \triangle JKL$ (SSS 相似性質)
(3) $\triangle GHI \sim \triangle QPR$ (AA 相似性質) (4) $\triangle MNO \sim \triangle TSU$ (SAS 或 AA 相似性質) p.s. TUS 亦可