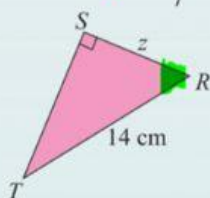
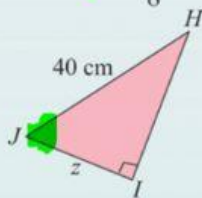


4. Tentukan panjang sisi z untuk setiap segi tiga bersudut tegak berikut.

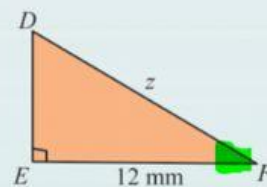
(a) $\cos \angle SRT = \frac{5}{7}$



(b) $\cos \angle HJI = \frac{3}{8}$



(c) $\cos \angle DFE = 0.4$



$$\cos \theta = \frac{z}{14} = \frac{5}{7}$$

$$\cos \theta = \frac{z}{40} = \frac{3}{8}$$

$$\cos \theta = \frac{12}{z} = 0.4$$

$$z = \frac{5}{7} \times 14$$

$$z = \frac{3}{8} \times 40$$

$$z = \frac{12}{0.4}$$

$$z = 10 \text{ cm}$$

$$z = 15 \text{ cm}$$