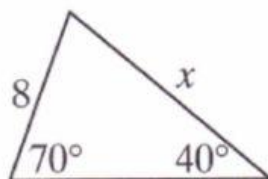


Sinusų teorema

1. Pasirink lygybę, kurioje teisingai pritaikyta sinusų teorema.



a)



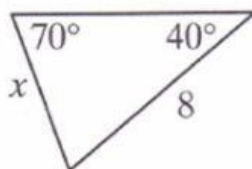
$$\frac{8}{\sin 70^\circ} = \frac{4}{\sin x}$$

$$\frac{8}{\sin 40^\circ} = \frac{x}{\sin 70^\circ}$$

$$\frac{8}{\sin 70^\circ} = \frac{x}{\sin 40^\circ}$$

$$\frac{8}{\sin x} = \frac{7}{\sin 40^\circ}$$

b)



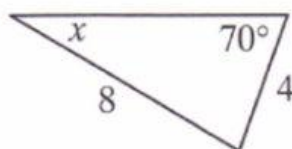
$$\frac{8}{\sin 70^\circ} = \frac{4}{\sin x}$$

$$\frac{8}{\sin 40^\circ} = \frac{x}{\sin 70^\circ}$$

$$\frac{8}{\sin 70^\circ} = \frac{x}{\sin 40^\circ}$$

$$\frac{8}{\sin x} = \frac{7}{\sin 40^\circ}$$

c)



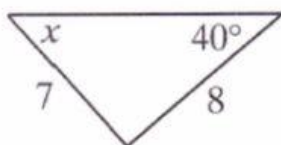
$$\frac{8}{\sin 70^\circ} = \frac{4}{\sin x}$$

$$\frac{8}{\sin 40^\circ} = \frac{x}{\sin 70^\circ}$$

$$\frac{8}{\sin 70^\circ} = \frac{x}{\sin 40^\circ}$$

$$\frac{8}{\sin x} = \frac{7}{\sin 40^\circ}$$

d)



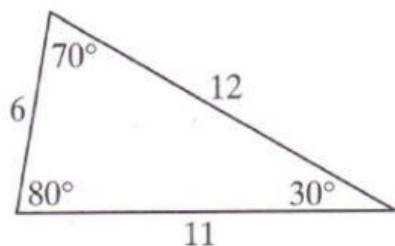
$$\frac{8}{\sin 70^\circ} = \frac{4}{\sin x}$$

$$\frac{8}{\sin 40^\circ} = \frac{x}{\sin 70^\circ}$$

$$\frac{8}{\sin 70^\circ} = \frac{x}{\sin 40^\circ}$$

$$\frac{8}{\sin x} = \frac{7}{\sin 40^\circ}$$

2. Pasirink teisingą atsakymą.



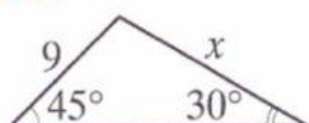
A $\frac{11}{\sin 70^\circ} = \frac{6}{\sin 80^\circ} = \frac{12}{\sin 30^\circ}$

B $\frac{11}{\sin 70^\circ} = \frac{12}{\sin 80^\circ} = \frac{6}{\sin 30^\circ}$

C $\frac{11}{\sin 80^\circ} = \frac{12}{\sin 70^\circ} = \frac{6}{\sin 30^\circ}$

3. Apskaičiuok trikampio kraštinės x ilgį taikant sinuso teoremą.

a)



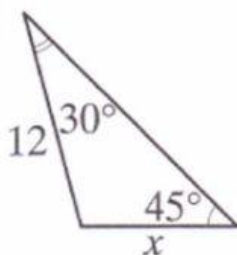
$9\sqrt{2}$

$18\sqrt{2}$

$4,5\sqrt{2}$

$\frac{9}{\sqrt{2}}$

b)



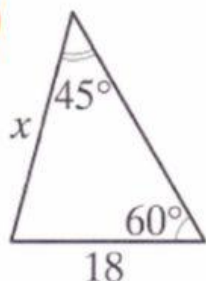
$3\sqrt{2}$

$12\sqrt{2}$

$6\sqrt{2}$

$\frac{24}{\sqrt{2}}$

c)



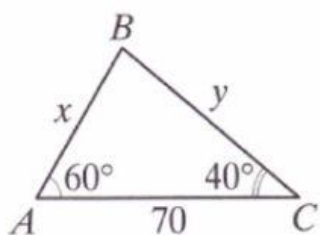
$9\sqrt{2}$

$9\sqrt{6}$

$18\sqrt{3}$

$\frac{9\sqrt{3}}{\sqrt{2}}$

4. Apskaičiuok trikampio kraštinių x ir y ilgius taikant sinuso teoremą. Atsakymą pateik vienetu tikslumu.



x -

44

45

46

45,7

y -

61

62

61,5

61,6