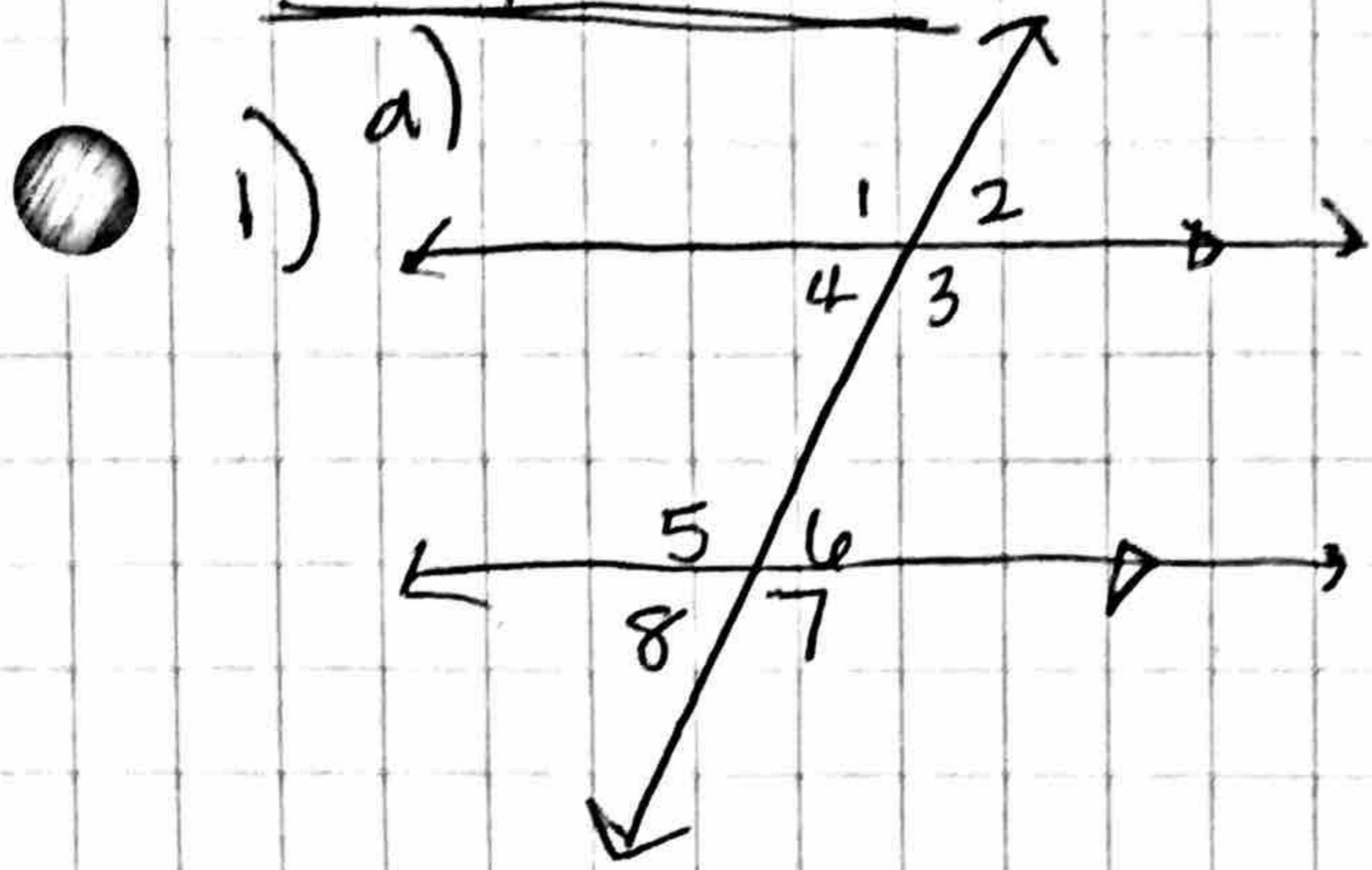


Chapter 1

Perp



corresponding \angle s:

alt. int \angle s:

same-side int \angle s:

b) If $m\angle 4 = x - 1$ and $m\angle 5 = 3x + 7$, find x .

c) If $m\angle 2 = 70^\circ$ and $m\angle 6 = 2x - 5$, find x .

2) a) How long can 3rd side of Δ be?

i) 14cm, 11cm, x cm ii) 5cm, 5cm, x cm

b) Can each form a Δ ?

i) 7, 15, 29

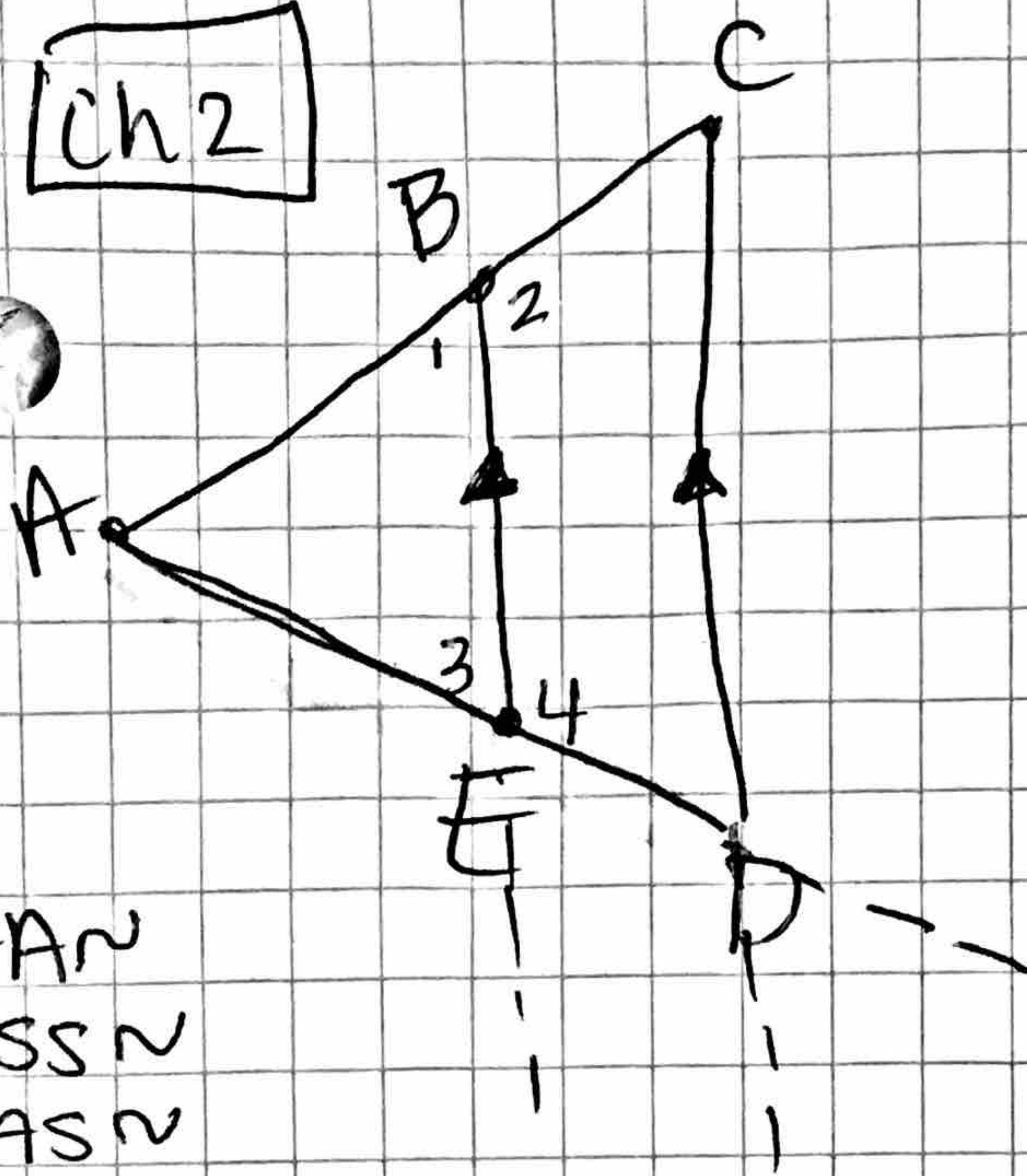
ii) 14, 17, 11

iii) 9, 9, 18

3) $\frac{x+4}{x-2} = \frac{11}{17}$ Find x . ✓ answer.

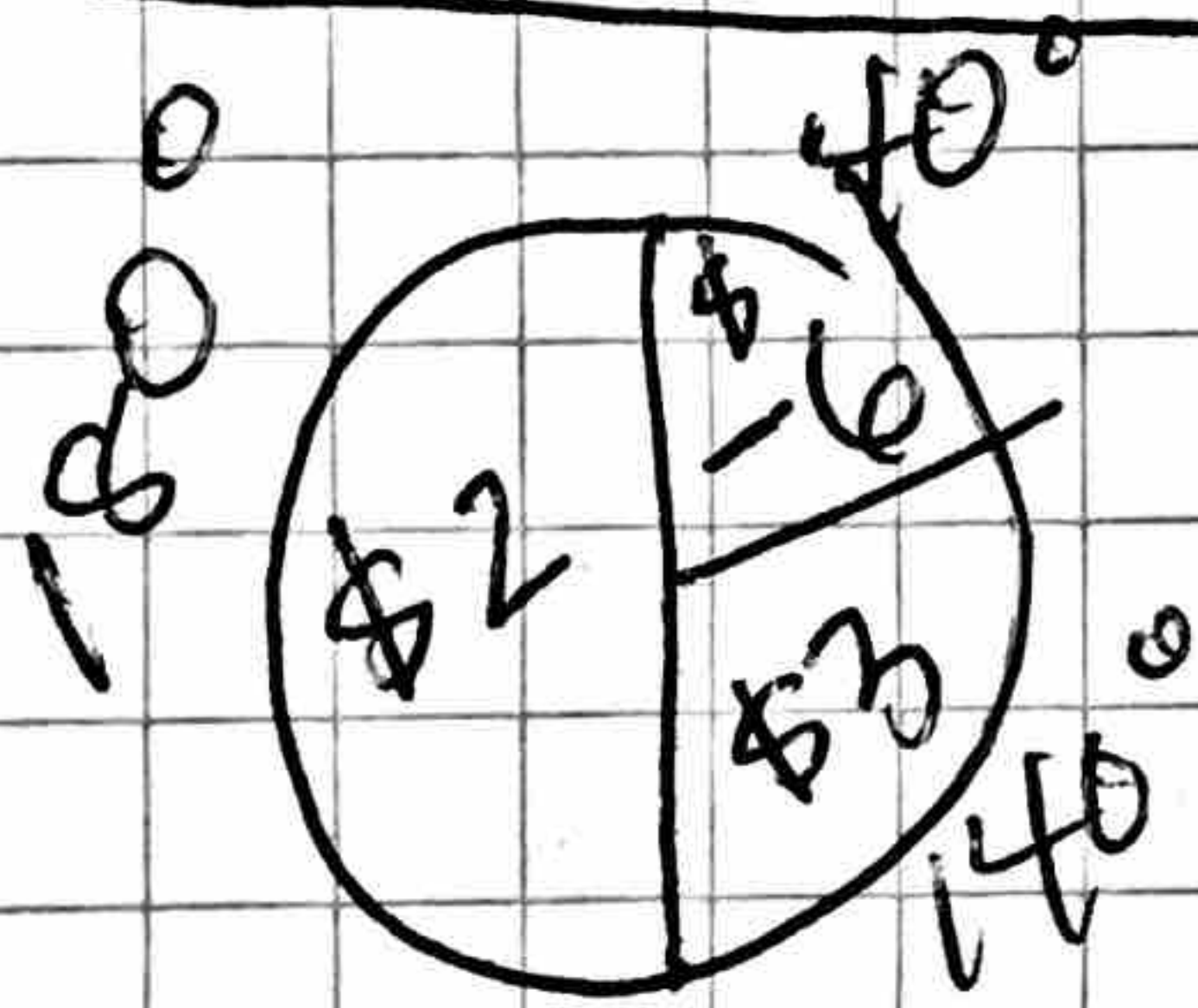
Ch 2

Per 1
is $\triangle ABE \sim \triangle ACD$?



AA ~
SSS ~
SAS ~

Ch. 3. ①

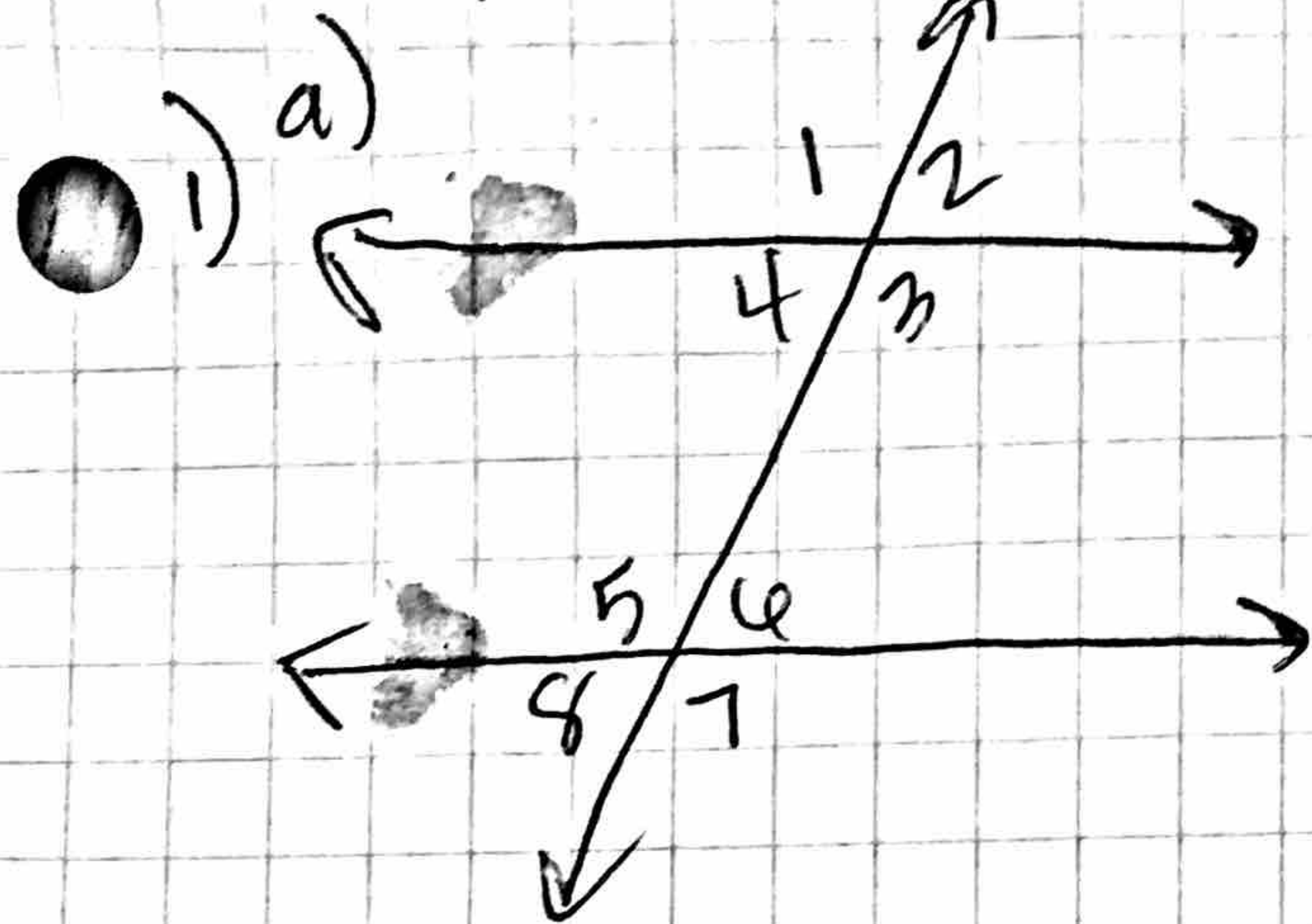


can you find the expected value for this spinner?



Chapter 1

Per 2



corresponding \angle s:

alt. int \angle s:

same-side int \angle s:

b) If $m\angle 1 = 14x + 9$ and $m\angle 5 = 110$, find x .

c) If $m\angle 3 = 4x - 2$ and $m\angle 6 = x + 5$, find x .

2) a) How long can 3rd side of Δ be?

1) 17ft, 2ft, xft

2) 7cm, 7cm, xcm

b) Can each form a Δ ?

1) 19, 32, 45

2) 18, 7, 12

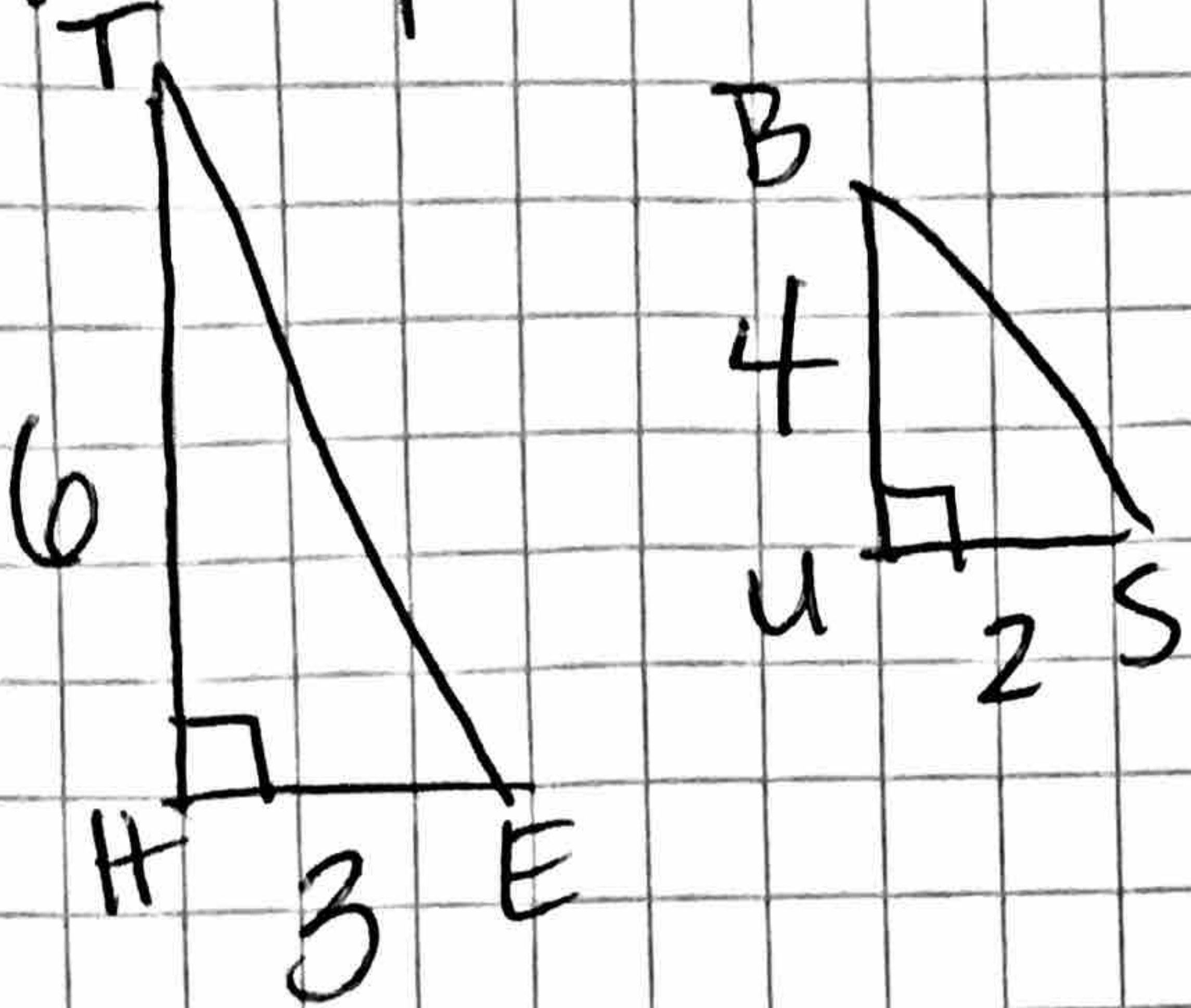
3) 42, 42, 84

3)
$$\frac{x+9}{x-1} = \frac{11}{17}$$

Find x . ✓ answer.

Chapter 2

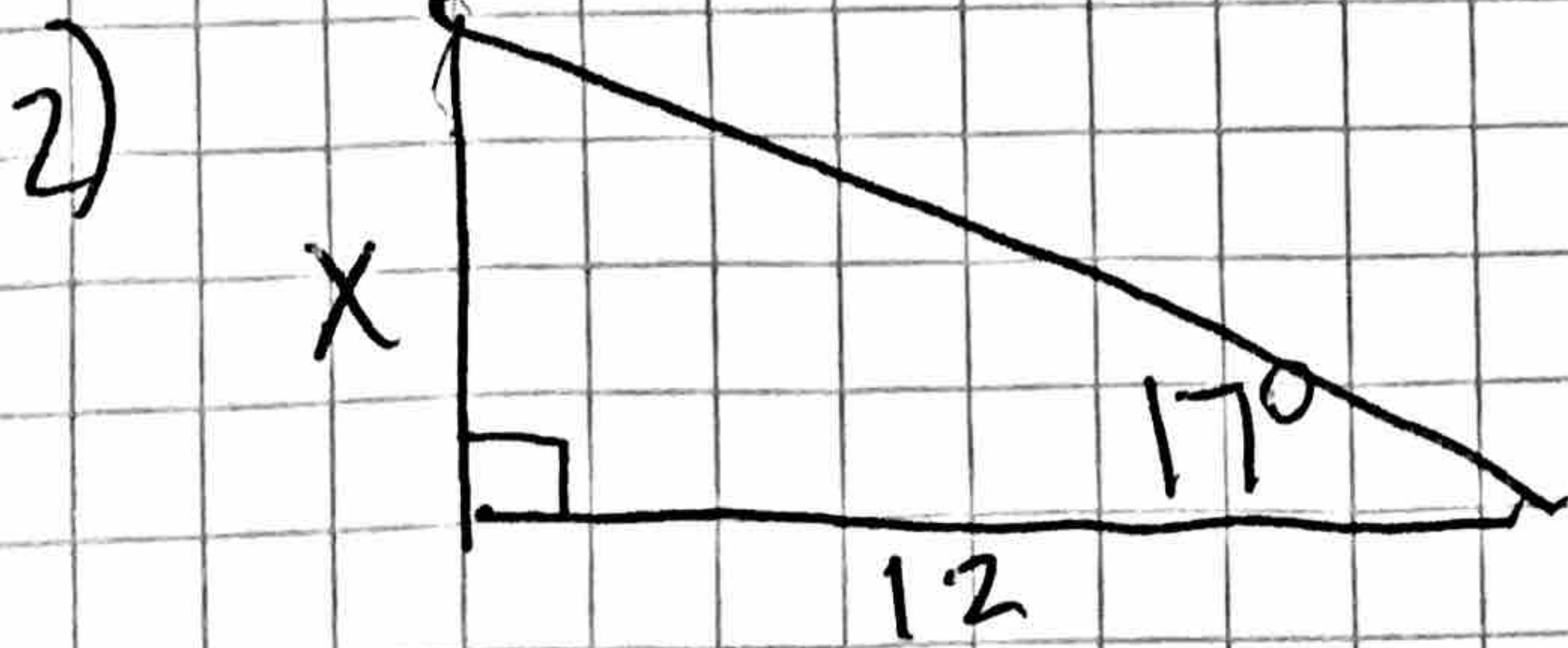
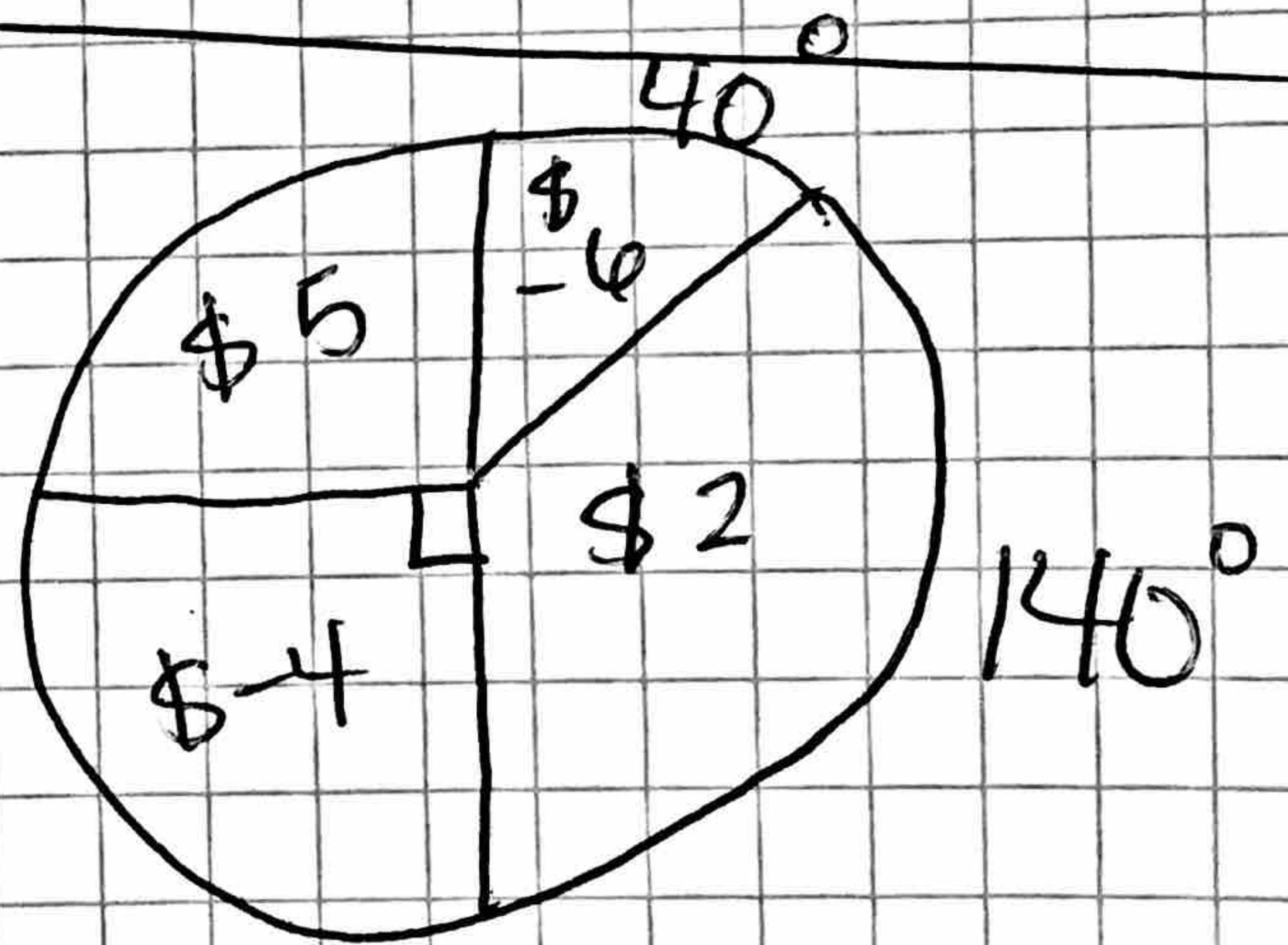
Perz
IS $\triangle THE \sim \triangle BUS$?



AA \sim
SSS \sim
SAS \sim

Chapter 3

1) Find the expected value
i) for the spinner.



Solve for x.