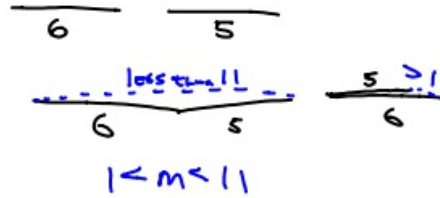
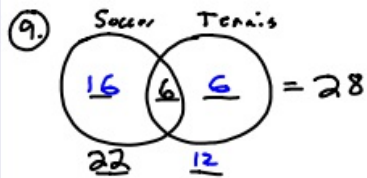


10-25-18 5<sup>th</sup> Geo



① 18, 20  $2 < m < 38$

② 2, 10  $8 < m < 12$

③ 3, 3  $0 < m < 6$

④ 71, 100  $29 < m < 171$

⑤ Can I have a  $\triangle$  that has lengths of

$12, 14, 25$ ?

$2 \leftrightarrow 26$

⑥  $3, 7, 10$

$4 \leftrightarrow 10$  No

⑦ Which of these could be a  $\triangle$ ?

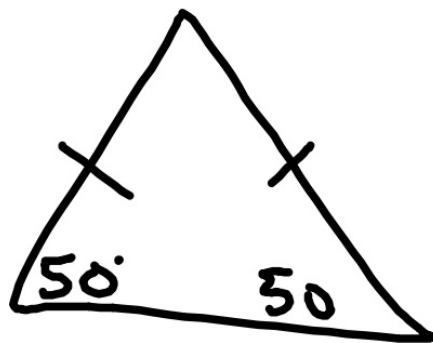
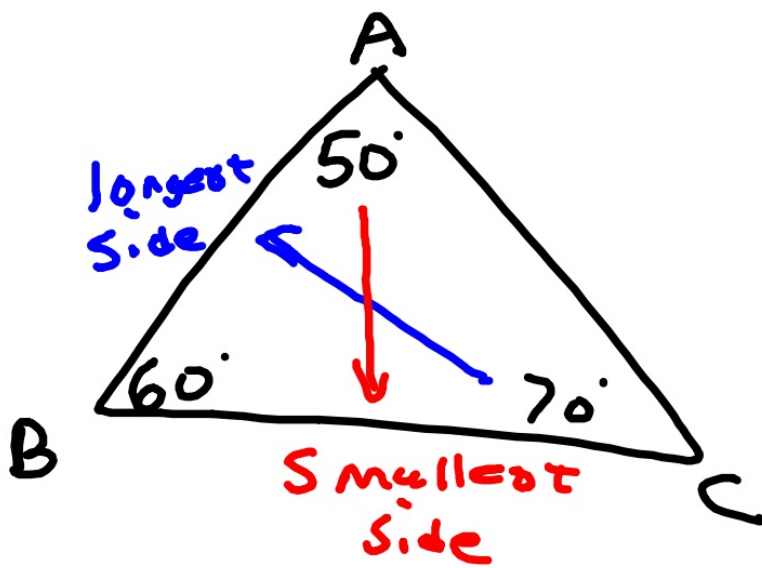
a.)  $4, 8, 13$   $4 \leftrightarrow 12$  No

b.)  $2, 2, 5$   $0 \leftrightarrow 4$  No

c.)  $6, 4, 9$   $2 \leftrightarrow 10$  Yes

d.)  $7, 7, 14$

# New lesson





⑥ Which could be a  $\triangle$ ?

a.)  $\boxed{4, 8, 12}$   $4 - 12$  No

b.)  $\boxed{4, 7, 19}$   $3 \leftrightarrow 11$  No

c.)  $\underline{2, 6, 7}$   $4 \leftrightarrow 8$  Yes

d.)  $3, 3, 6$