

CHECK ANSWERS: ch.3

#47-50 → work on together in class

#56-60

#58a → sketch flow chart!!!

#59 → make a list of all outcomes or create a tree diagram to find the outcomes.

#60 → sketch reflections

$$(-2, 0) \quad -\frac{5}{9} \quad \frac{12}{125} \quad \frac{12}{125} \quad \frac{61}{125} \quad \frac{64}{125} \quad 3 \quad 15.55 \quad 31.11 \quad 12x^2 - 7x - 10 \quad 16x^2 - 8x + 1$$

No, sample space stays the same. Only the probability will change.

Yes, because of AAS \cong (show how to use Pythagorean theorem to prove there is a pair of equal sides)

Yes, $\triangle ABD \sim \triangle EBC$ by AA~