

Comparing Outcomes

Tiffany tossed a number cube 12 times. Then she made a tally chart to show each time the cube showed each face.

Face	1	2	3	4	5	6
Number						

1. Complete the table to show the fraction of tosses for each face of the number cube.

Face	1	2	3	4	5	6
Fraction (out of 12 tosses)	$\frac{1}{12}$					

2. Compare the fractional results for each face by writing $>$, $<$, or $=$ in each \bigcirc .

A Face 1 \bigcirc Face 2

C Face 3 \bigcirc Face 5

B Face 5 \bigcirc Face 4

D Face 2 \bigcirc Face 6

Tiffany tossed a coin 10 times and had 6 heads and 4 tails. Then she tossed a coin 20 times and had 8 heads and 12 tails.

3. Complete the table to show the fractions of heads and tails Tiffany tossed.

Outcome	Heads	Tails
Fraction out of 10		
Fraction out of 20		

4. Compare the fractional results for each set of tosses by writing $>$, $<$, or $=$ in each \bigcirc .

A heads out of 10 \bigcirc tails out of 10

B heads out of 20 \bigcirc tails out of 20

C tails out of 10 \bigcirc heads out of 20

D heads out of 10 \bigcirc heads out of 20