

Name _____

ANSWERS

PERCENT OF CHANGE

Instructions: Find each percent change to the nearest percent. State if it is an increase or a decrease.

1) From 500 attendees to 600 attendees at a concert.

Calculation: $\frac{600-500}{500} \times 100$

Answer: **20% increase**



2) From 45 cats to 63 cats in an animal shelter.

Calculation: $\frac{63-45}{45} \times 100$

Answer: **40% increase**



3) From 80 workers to 60 workers in a factory.

Calculation: $\frac{80-60}{80} \times 100$

Answer: **25% decrease**



4) From 120 students to 144 students in a school club.

Calculation: $\frac{144-120}{120} \times 100$

Answer: **20% increase**



5) From 700 kg to 560 kg of harvested apples.

Calculation: $\frac{700-560}{700} \times 100$

Answer: **20% decrease**



How Did You Do? 😊 😐 ☹️