



Estimating with Rounding Word Problems (Multiple Choice)

Grade 4

Name: _____

Choose the best estimate. Round numbers to a sensible place.

Example: $427 + 589 \approx$ (A) 900 (B) 950 (C) 1,000 (D) 1,100 $\rightarrow 400 + 600 = 1,000$ so (C)

- (1) An explorer found 343 ancient artifacts and then discovered 587 more. Approximately how many artifacts did the explorer find in total, rounded to the nearest ten?  _____
- _____
- (2) A space probe traveled 732 kilometers. It then returned 218 kilometers. Approximately how many kilometers is it from its starting point, rounded to the nearest ten?  _____
- _____
- (3) A team of engineers built three sections of a bridge. The lengths were 135 meters, 263 meters, and 418 meters. Approximately how long is the bridge in total, rounded to the nearest ten?  _____
- _____
- (4) A scientist is observing 32 groups of bacteria, with each group having approximately 18 bacteria. About how many bacteria are there in total, rounded to the nearest ten for each factor?  _____
- _____



(5) A space agency launched a satellite that traveled 12,345 miles and then another 3,876 miles. Approximately how far did it travel in total, rounded to the nearest ten?  _____

(6) An engineering project required 53,123 tons of steel. So far, 17,987 tons have been used. Approximately how many tons of steel are left, rounded to the nearest ten?  _____

(7) A geologist spent \$3.49 on a new rock hammer and \$5.83 on a magnifying glass. Approximately how much did the geologist spend in total, rounded to the nearest ten cents?  _____

(8) An astronaut had \$13.25 for souvenirs. He bought a small model rocket for \$7.63. Approximately how much money does he have left, rounded to the nearest ten cents?  _____



(9) A research team collected 3,123 samples on Monday, 4,567 on Tuesday, and 2,891 on Wednesday. Approximately how many samples were collected in total, rounded to the nearest ten?  _____

(10) A factory produces 315 microchips per hour. Approximately how many microchips will it produce in 23 hours, rounded to the nearest ten for each factor?  _____

