

Error Intervals and Bounds

Write these error intervals.

- (a) 50 cm to the nearest 10 cm
- (b) 150 cm to the nearest 10 cm
- (c) 800 g to the nearest 10 g
- (d) 800 g to the nearest 100 g
- (e) 500 m to the nearest 100 m
- (f) 500 m to the nearest 10 m
- (g) 500 m to the nearest m
- (h) 5 m to the nearest m
- (i) 55 g to the nearest g
- (j) 87 g to the nearest g

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- (h) 5 m to the nearest m
- (i) 55 g to the nearest g
- (j) 87 g to the nearest g

Write these error intervals.

- (a) 4.5 cm to 1 decimal place
- (b) 7.5 cm to 1 decimal place
- (c) 37.5 cm to 1 decimal place
- (d) 37.4 m to 1 decimal place
- (e) 30.4 g to 1 decimal place
- (f) 30.9 g to 1 decimal place
- (g) 30.0 g to 1 decimal place

Write these error intervals.

- (a) 4.5 cm to 1 decimal place
- (b) 7.5 cm to 1 decimal place
- (c) 37.5 cm to 1 decimal place
- (d) 37.4 m to 1 decimal place
- (e) 30.4 g to 1 decimal place
- (f) 30.9 g to 1 decimal place
- (g) 30.0 g to 1 decimal place

Write the error intervals.

- (a) 500 g to 1 significant figure
- (b) 100 cm to 1 significant figure
- (c) 50 cm to 1 significant figure
- (d) 20 cm to 1 significant figure
- (e) 5 m to 1 significant figure
- (f) 2 m to 1 significant figure

Write the error intervals.

- (a) 500 g to 1 significant figure
- (b) 100 cm to 1 significant figure
- (c) 50 cm to 1 significant figure
- (d) 20 cm to 1 significant figure
- (e) 5 m to 1 significant figure
- (f) 2 m to 1 significant figure

Write the upper and lower bounds.

- (a) 347 cm to the nearest cm
- (b) 80 g to 1 significant figure
- (c) 54.6 m to 1 decimal place
- (d) 45.86 g to 2 decimal places
- (e) 52 cm to 2 significant figures

Write the upper and lower bounds.

- (a) 347 cm to the nearest cm
- (b) 80 g to 1 significant figure
- (c) 54.6 m to 1 decimal place
- (d) 45.86 g to 2 decimal places
- (e) 52 cm to 2 significant figures