Estimating Quotient

Name:

Determine which choice is the best estimate.

1) Maria uploaded 347 pics to Facebook. If she put the pics into 46 albums with the same number of photos in each album, about how many photos were in each album?

A. 5   B. 7   C. 6   D. 3

2) A reptile store had 626 snakes. If they kept the snakes in 93 cages. About how many snakes were in each cage?

A. 5   B. 2   C. 8   D. 7

3) A crate contained 151 oranges. If it takes 29 oranges to make a carton of orange juice, about how many cartons could you make with a crate?

A. 8   B. 9   C. 6   D. 5

4) Emily is making bead necklaces for her friends. She has 403 beads and each necklace takes 47 beads. About how many necklaces can Emily make?

A. 5   B. 8   C. 3   D. 7

5) A company spent 563 dollars on a lunch spread for its employees. If they had 77 employees about how much did they spend per employee?

A. 2   B. 6   C. 7   D. 9

6) Kaleb has 304 baseball cards in his collection. If each of his catalogues can hold 46 cards, approximately how many catalogues would he need?

A. 2   B. 6   C. 7   D. 9

7) For the hot dog eating contest the state fair used 351 hot dogs. If there were 71 contestants and they each ate the same amount, about how many did each person eat?

A. 3   B. 4   C. 5   D. 8

8) Cody had 249 minutes of music on his computer. If he had 54 albums about many minutes was each album?

A. 5   B. 8   C. 2   D. 6

9) Olivia earned 716 dollars selling chocolate bars. If she had 84 customers and they all bought the same amount, about how much did each person buy?

A. 2   B. 8   C. 9   D. 7

10) For Halloween Paul received 139 pieces of candy. If he put them into piles with 74 in each pile, approximately how many piles could he make?

A. 2   B. 8   C. 5   D. 6

1-10	90	80	70	60	50	40	30	20	10	0

Math

Name: **Answer Key**

Determine which choice is the best estimate.

1) Maria uploaded 347 pics to Facebook. If she put the pics into 46 albums with the same number of photos in each album, about how many photos were in each album?
   A. 5   B. 7   C. 6   D. 3

1. <u> **B** </u>

2) A reptile store had 626 snakes. If they kept the snakes in 93 cages. About how many snakes were in each cage?
   A. 5   B. 2   C. 8   D. 7

2. <u> **D** </u>

3) A crate contained 151 oranges. If it takes 29 oranges to make a carton of orange juice, about how many cartons could you make with a crate?
   A. 8   B. 9   C. 6   D. 5

3. <u> **D** </u>

4. <u> **B** </u>

4) Emily is making bead necklaces for her friends. She has 403 beads and each necklace takes 47 beads. About how many necklaces can Emily make?
   A. 5   B. 8   C. 3   D. 7

5. <u> **C** </u>

6. <u> **B** </u>

5) A company spent 563 dollars on a lunch spread for its employees. If they had 77 employees about how much did they spend per employee?
   A. 2   B. 6   C. 7   D. 9

7. <u> **C** </u>

8. <u> **A** </u>

6) Kaleb has 304 baseball cards in his collection. If each of his catalogues can hold 46 cards, approximately how many catalogues would he need?
   A. 2   B. 6   C. 7   D. 9

9. <u> **C** </u>

10. <u> **A** </u>

7) For the hot dog eating contest the state fair used 351 hot dogs. If there were 71 contestants and they each ate the same amount, about how many did each person eat?
   A. 3   B. 4   C. 5   D. 8

8) Cody had 249 minutes of music on his computer. If he had 54 albums about many minutes was each album?
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9) Olivia earned 716 dollars selling chocolate bars. If she had 84 customers and they all bought the same amount, about how much did each person buy?
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10) For Halloween Paul received 139 pieces of candy. If he put them into piles with 74 in each pile, approximately how many piles could he make?
   A. 2   B. 8   C. 5   D. 6

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |