

Problems on Estimating Quotients

Give what is asked in each item and then write your answers on the space provided.

1. Estimate the quotient. Tell the compatible numbers you used for each.

A. $47 \div 5$

E. $247 \div 5$

I. $73 \div 7$

B. $91 \div 9$

F. $206 \div 7$

J. $213 \div 2$

C. $57 \div 5$

G. $37 \div 6$

K. $637 \div 8$

D. $247 \div 4$

H. $54 \div 4$

L. $545 \div 9$

Answers (Quotient; Compatible Number):

1. A.

E.

I.

B.

F.

J.

C.

G.

K.

D.

H.

L.

2. Read and solve.

A. Two hundred five students will be divided into 2 buses for their field trip. About how many students will be on each bus?

B. A group of 44 children wanted to join the party. They need to be subdivided into 9 groups. About how many will be in each group?

C. Michael has 335 marbles. He wanted to share these marbles with his 9 friends. About how many marbles will each friend receive?

D. There are 143 volunteers for the government's new health campaigns. If the volunteers are to be distributed to each of the 12 campaigns, about how many volunteers will be in each campaign?

Answers:

2. A.

B.

C.

D.

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C. $57 \div 5$	G. $37 \div 6$	K. $637 \div 8$
D. $247 \div 4$	H. $54 \div 4$	L. $545 \div 9$

Answers (Quotient; Compatible Number):

- | | | |
|---------------------|-------------------|--------------------|
| 1. A. 10; 50 | E. 49; 245 | I. 11; 77 |
| B. 11; 99 | F. 29; 203 | J. 107; 214 |
| C. 11; 55 | G. 6; 36 | K. 80; 640 |
| D. 62; 248 | H. 14; 56 | L. 61; 549 |

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Answers:

2. A. **102 or 103**
- B. **5**
- C. **37**
- D. **12**