

Triple Trouble

You need ✓ a classmate

Activity

Andrea, Beth, and Cathy are triplets.
Their family and friends are preparing for their birthday party.

1. Each person below needs to work out $17 \div 3$.
Match each person's task to the best answer for that task.
Discuss with a classmate why you think they match.

- i. $5\frac{2}{3}$
ii. 5.7
iii. 5.65, 5.65, 5.65, r0.05
iv. 5.6666666
v. 5, 6, 6

a.

My present is 17 chocolate bars.
How many chocolate bars
will I give each triplet?



b.



There will be 17 people at the
dinner, and there are 3 tables.
How many people should
I seat at each table?



c.

How can I share \$17
between the
triplets as equally
as possible?



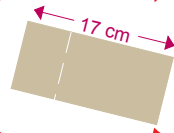
$$17 \div 3$$

Let's see if I can help.
What's $17 \div 3$ on my calculator?



d.

e. This piece of card is 17 centimetres long,
and I need to cut it into 3 for gift labels.
How many centimetres down the card
should I make the first cut?



2. Look at all the different answers to $17 \div 3$ and
discuss the following questions with your classmate.

- Which answer is exact?
- What is different about the answers? Why do you think there are differences?

3. Write division problem stories involving decimal fractions in which
the answer must be rounded to:

- a whole number
- 1 or 2 decimal places.

