Year 3 Maths: Counting in Groups, Rounding and Estimating

Name: _____ Date: _____

Have a go first, then check the answers with a grown-up.

Practice

1. There are 3 boxes of 100 pens, 5 packs of 10 pens and 8 single pens. How many pens is that?

2. Round 76 to the nearest 10.

3. Round 451 to the nearest 100.

4. Round 349 to the nearest 100.

5. Estimate 402 + 297 by rounding each number to the nearest 100.

Spot the mistake

6. What is wrong? "362 rounds to 300 because it starts with 3."

7. What is wrong? "45 rounds to 40."

8. What is wrong? "649 rounds to 700 because 9 is big."

9. What is wrong? "An estimate is a wild guess."

Answer key (for parents and tutors)

1. There are 3 boxes of 100 pens, 5 packs of 10 pens and 8 single pens. How many pens is that?
   358
2. Round 76 to the nearest 10.
   80
3. Round 451 to the nearest 100.
   500
4. Round 349 to the nearest 100.
   300
5. Estimate 402 + 297 by rounding each number to the nearest 100.
   About 700 (400 + 300). The exact answer is 699.
6. What is wrong? "362 rounds to 300 because it starts with 3."
   Look at the tens digit. It is 6, so 362 rounds up to 400.
7. What is wrong? "45 rounds to 40."
   A 5 in the ones rounds up, so 45 rounds to 50.
8. What is wrong? "649 rounds to 700 because 9 is big."
   For the nearest 100, look at the tens digit. It is 4, so 649 rounds to 600.
9. What is wrong? "An estimate is a wild guess."
   An estimate uses rounded numbers, so it lands close to the real answer.