LESSON MAKER PRO

Close to Ten

Estimate on a number line

GRADE 2 · 2.NOS.A.5

2.NOS.A.5 "Estimate quantities by reasoning about their location on a number line, their relationship to benchmark numbers (e.g. 10, 50, 100), and to assess reasonableness of sums and differences."

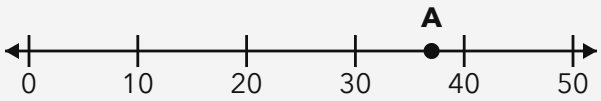
NAME _____ DATE _____

THE BIG IDEA

To estimate to the nearest ten, find the tens on each side of a number. Choose the ten that is closer.

WORKED EXAMPLE

Point A shows how many toy cars are on a shelf. About how many cars are there, to the nearest ten?



1. A is between 30 and 40.
2. A is closer to 40.

Answer: About 40 cars

PRACTICE 4 problems

1 A jar has 12 marbles. About how many marbles is that, to the nearest ten?

ANSWER _____

2 A box has 26 crayons. About how many crayons is that, to the nearest ten?

ANSWER _____

3 A bag has 43 beads. About how many beads is that, to the nearest ten?

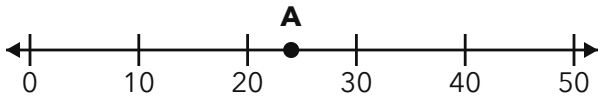
ANSWER _____

4 A shelf has 68 books. About how many books is that, to the nearest ten?

ANSWER _____

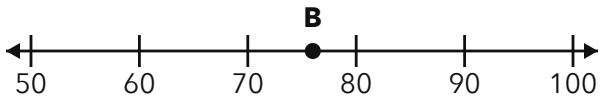
APPLY IT Show your work

1 At the beach, Ava found the number of shells marked A. About how many shells did she find, to the nearest ten?



ANSWER _____

2 At the school fair, Leo sold the number of tickets marked B. About how many tickets did he sell, to the nearest ten?



ANSWER _____

CHALLENGE One step up

Mia has 48 stickers and gets 23 more. Estimate how many she has now. Is 100 a sensible guess? Tell why.

WORK SPACE AND ANSWER

ANSWER KEY

Close to Ten

GRADE 2 · 2.NOS.A.5

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A jar has 12 marbles. About how many marbles is that, to the nearest ten?	**About 10 marbles**
2	A box has 26 crayons. About how many crayons is that, to the nearest ten?	**About 30 crayons**
3	A bag has 43 beads. About how many beads is that, to the nearest ten?	**About 40 beads**
4	A shelf has 68 books. About how many books is that, to the nearest ten?	**About 70 books**

PART 2 · APPLY IT

1. **About 20 shells** A is closer to 20 than to 30.
2. **About 80 tickets** B is closer to 80 than to 70.

CHALLENGE

About 70 stickers. No, 100 is too high because 50 + 20 = 70.

Accept answers with or without the object name. For the challenge, accept any explanation that uses a reasonable estimate to show why 100 is too high.