

Freddie's Frog Pond

Name _____

Grade 2 · Estimating and checking · 2.NOS.A.5

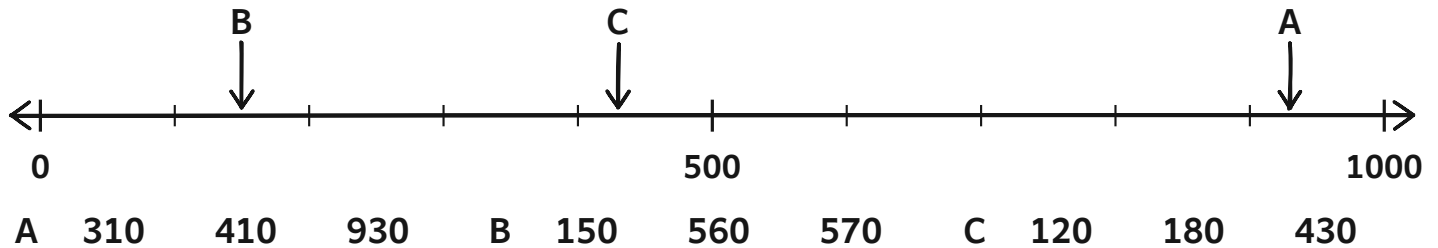
Date _____



Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Where is the arrow?

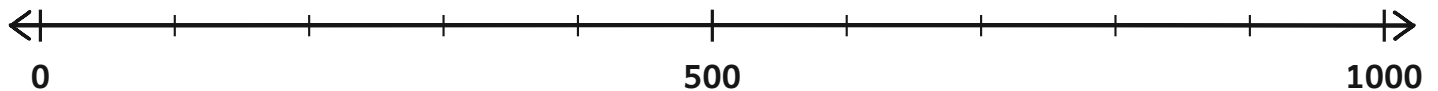
Use 0, 500 and 1000 to help. Circle a good guess for each arrow.



Mark the numbers

Draw an arrow where each number goes.

Mark 440, 240 and 690



Does it make sense?

Round to estimate. Circle whether each answer makes sense.

- ① Pip says $467 - 285 = 482$.

Estimate:

makes sense

does not

- ② Toby says $417 - 253 = 164$.

Estimate:

makes sense

does not

- ③ Fern says $758 - 306 = 752$.

Estimate:

makes sense

does not

- ④ Moss says $314 - 162 = 152$.

Estimate:

makes sense

does not

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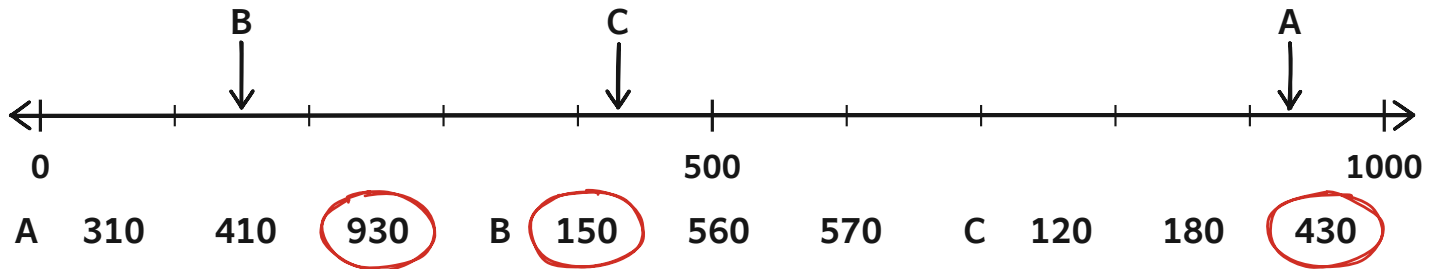
ANSWER KEY



Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Where is the arrow?

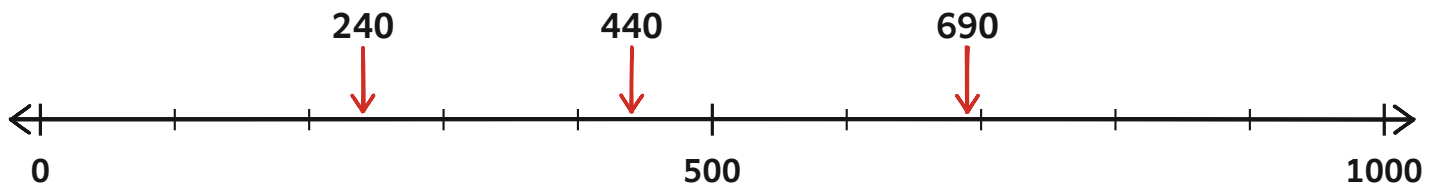
Use 0, 500 and 1000 to help. Circle a good guess for each arrow.



Mark the numbers

Draw an arrow where each number goes.

Mark 440, 240 and 690



Does it make sense?

Round to estimate. Circle whether each answer makes sense.

- ① Pip says $467 - 285 = 482$.

Estimate: 200 $500 - 300 = 200$

makes sense does not

- ② Toby says $417 - 253 = 164$.

Estimate: 100 $400 - 300 = 100$

makes sense does not

- ③ Fern says $758 - 306 = 752$.

Estimate: 500 $800 - 300 = 500$

makes sense does not

- ④ Moss says $314 - 162 = 152$.

Estimate: 100 $300 - 200 = 100$

makes sense does not

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GUIDE

1 What this sheet practises

Placing numbers on a line from 0 to 1,000 by estimating, and rounding to check whether an answer makes sense.

2 A problem from the sheet, worked out

Does it make sense? Round to estimate. Circle whether each answer makes sense.

- 1 Pip says $467 - 285 = 482$.

Estimate: **200** $500 - 300 = 200$

makes sense **does not**

- 2 Toby says $417 - 253 = 164$.

Estimate: **100** $400 - 300 = 100$

makes sense does not

- 3 Fern says $758 - 306 = 752$.

Estimate: **500** $800 - 300 = 500$

makes sense **does not**

How: Round each number to the nearest hundred and work out the easy sum or difference. If the real answer is close to that estimate, it makes sense.

3 Words to know

estimate a close guess

round change to a nearby, easier number

nearest hundred the closest number ending in 00

reasonable makes sense

4 Watch for

- Rounding to the wrong hundred: 507 to 600.
- Calling an answer wrong because it isn't exactly the estimate.
- Counting each small space on the 0 to 1,000 line as 1 or 10 instead of 100.

5 Where it fits

THIS SHEET

2.NOS.A.5

Estimate numbers on a number line and check whether sums and differences make sense.

NEXT

3.NBT.A.1

Round whole numbers to the nearest 10 or 100.

6 Helping at home

Before adding up two prices, ask for a quick guess first. Then check the real total against it.