

Year 5: Rounding and estimating: worksheet

Year 5 - Place Value to 1,000,000 - Lesson 1.5

Name: _____

Date: _____

Score: _____

19 questions. Write your answers in the spaces. Answers and step-by-step help are free at websink.site/ks2-sats/maths/year-5/ch01-place-value/rounding-and-estimating/

Exercise 1E Rounding and estimating Non-calculator

1 Round each number to the nearest **10**.

(a) 74

Answer: _____

(b) 365

Answer: _____

(c) 2,384

Answer: _____

(d) 15,495

Answer: _____

(e) 70,001

Answer: _____

(f) 428,555

Answer: _____

2 Round each number to the nearest **100**.

(a) 347

Answer: _____

(b) 3,650

Answer: _____

(c) 62,238

Answer: _____

(d) 49,950

Answer: _____

(e) 128,449

Answer: _____

(f) 999,960

Answer: _____

3 Round each number to the nearest **1,000**.

(a) 4,280

Answer: _____

(b) 36,500

Answer:

(c) 79,999

Answer:

(d) 252,499

Answer:

(e) 499,501

Answer:

(f) 910,350

Answer:

4 Round each number to the nearest 10,000.

(a) 38,200

Answer:

(b) 65,000

Answer:

(c) 124,999

Answer:

(d) 449,500

Answer:

(e) 895,001

Answer:

(f) 7,300

Answer:

5 Round each number to the nearest 100,000.

(a) 340,000

Answer:

(b) 450,000

Answer:

(c) 249,999

Answer:

(d) 650,100

Answer:

(e) 85,000

Answer:

(f) 960,500

Answer:

6 Round 354,628 to the nearest:

(a) 10

Answer:

(b) 100

Answer:

(c) 1,000

Answer:

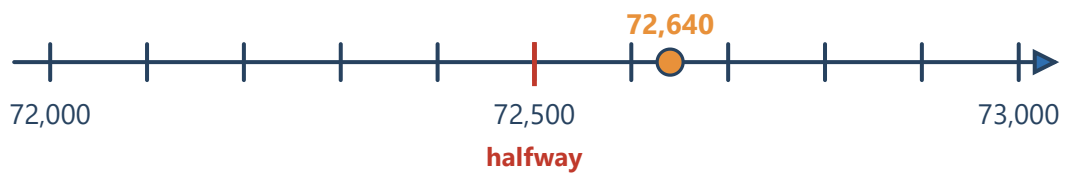
(d) 10,000

Answer:

(e) 100,000

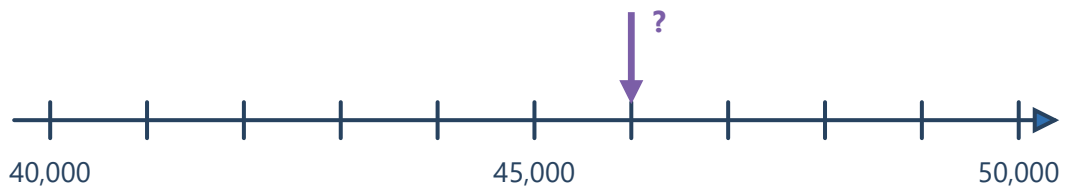
Answer:

7 The number line shows 72,640. Use it to round 72,640 to the nearest 1,000.



Answer:

8 The arrow points to a number. Round that number to the nearest 10,000.



Answer:

9 The table shows how many people live in four towns. Round each number to the nearest 10,000.

Town	People
Fenby	43,816
Grimsworth	128,450
Hale	96,500
Ingleby	252,049

(a) Fenby

Answer:

(b) Grimsworth

Answer:

(c) Hale

Answer:

(d) Ingleby

Answer:

- 10 Which of these numbers does **not** round to 60,000 when rounded to the nearest 10,000? 55,000 64,999 65,000 59,500

Answer:

- 11 Which digits could go in the box so that 6 500 rounds to 70,000 when rounded to the nearest 10,000?

Answer:

- 12 Find the smallest and the largest whole number that round to each number.

(a) 250 (to the nearest 10)

Answer:

(b) 7,000 (to the nearest 1,000)

Answer:

(c) 300,000 (to the nearest 100,000)

Answer:

- 13 Estimate each answer by rounding the numbers first.

(a) $6,214 + 2,788$ (round to the nearest 1,000)

Answer:

(b) $48,920 - 21,350$ (round to the nearest 10,000)

Answer:

(c) $418,200 + 189,700$ (round to the nearest 100,000)

Answer:

- 14 Amira adds $38,420 + 41,690$. She gets 70,110. Use an estimate to show that her answer cannot be right. What should the answer be?

Answer:

- 15 A report says the crowd at a match was 42,000 to the nearest 1,000. What is the smallest and the largest number of people who could have been there?

Answer:

- 16 A car costs £14,950. Round the price to the nearest:

(a) £1,000

Answer:

(b) £100

Answer:

(c) £10,000

Answer:

- 17 Leo rounds 349,500 to the nearest 100,000. He says, "349,500 rounds to 350,000, and that rounds to 400,000." Is he right? Explain.

Answer:

- 18 Is this always, sometimes or never true?

"A number rounded to the nearest 10 is the same as when it is rounded to the nearest 100."

Answer:

- 19** Zainab says, “250,000 is closer to 200,000 than to 300,000.” Is she right? What does 250,000 round to, to the nearest 100,000?

Answer:

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