

Fractions Solve Problems with Rounding Maths Mastery Challenge Cards **Answers**

1. Pavel has to explain how to round 3.6 to the nearest whole number. Use the blank number line to help Pavel.



Accept a correct explanation. For example, 3.6 is between the whole numbers 3 and 4.

3.6 is closer to the whole number 4 than to the whole number 3 so 3.6 is rounded to 4.

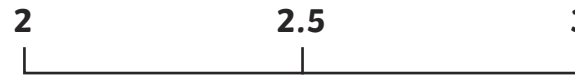
2. George has to explain how to round 6.3 to the nearest whole number. Use the blank number line to help George.



Accept a correct explanation. For example, 6.3 is between the whole numbers 6 and 7.

6.3 is closer to the whole number 6 than to the whole number 7 so 6.3 is rounded to 6.

3. Nikita has to explain how to round 2.5 to the nearest whole number. Use the blank number line to help Nikita.



Accept a correct explanation. For example, 2.5 is between the whole numbers 2 and 3.

2.5 is halfway between the whole numbers 2 and 3. By convention, 5 is rounded up to the next whole number so 2.5 is rounded to 3.

4. Nikita has to explain how to round 1.37 to the nearest tenth. Use the blank number line to help Nikita.



Accept a correct explanation. For example, 1.37 is between the numbers 1.3 and 1.4.

1.37 is closer to 1.4 than 1.3 so 1.37 is rounded to 1.4.

5. Pavel has to explain how to round 6.13 to the nearest tenth. Use the blank number line to help Pavel.



Accept a correct explanation. For example, 6.13 is between the numbers 6.1 and 6.2.

6.13 is closer to the number 6.1 than to the number 6.2 so 6.13 is rounded to 6.1.

6. George has to explain how to round 4.95 to the nearest tenth. Use the blank number line to help George.



Accept a correct explanation. For example, 4.95 is between the numbers 4.9 and 5.

4.95 is halfway between the numbers 4.9 and 5. By convention, 5 is rounded up so 4.95 is rounded to 5.

