

To develop an understanding of fractions

Using your understanding of fractions, answer as many of the following questions as possible. You may find it useful to give your question a 'total' to work from. Alternatively, you may want to simplify the fractions and convert to a percentage or decimals if you prefer!

Rosie and Teddy sat the same maths test.



I got $\frac{3}{6}$ of my test correct.

Rosie

I got $\frac{2}{5}$ of my test correct.



Teddy

Who did better on the test?
Explain how you know.

$$\frac{3}{6} = \frac{1}{2} = 50\%$$
$$\frac{2}{5} = 40\%$$

Rosie did better

Rosie and Teddy sat the same maths test.



I got $\frac{5}{6}$ of my test right.

Rosie

I got $\frac{3}{4}$ of my test right.



Teddy

Who did better on the test?
Explain how you know.

Rosie and Teddy sat the same maths test.



I got 20% of my test correct.

Rosie

I got $\frac{1}{4}$ of my test correct.



Teddy

Who did better on the test?
Explain how you know.

Rosie and Teddy sat the same maths test.



I got 75% of my test correct.

Rosie

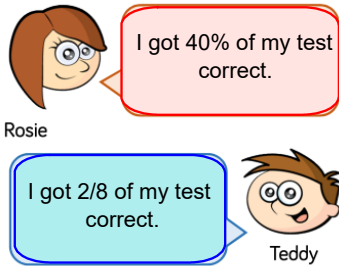
I got $\frac{3}{5}$ of my test correct.



Teddy

Who did better on the test?
Explain how you know.

Rosie and Teddy sat the same maths test.

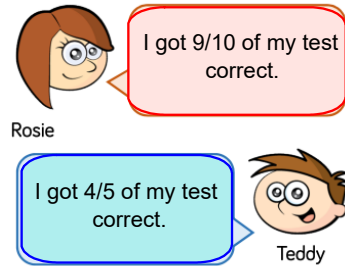


Rosie: I got 40% of my test correct.

Teddy: I got $\frac{2}{8}$ of my test correct.

Who did better on the test?
Explain how you know.

Rosie and Teddy sat the same maths test.

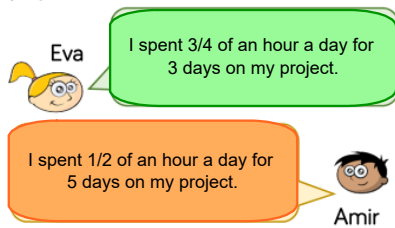


Rosie: I got $\frac{9}{10}$ of my test correct.

Teddy: I got $\frac{4}{5}$ of my test correct.

Who did better on the test?
Explain how you know.

Eva and Amir both work on a homework project.



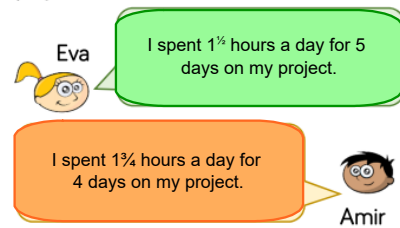
Eva: I spent $\frac{3}{4}$ of an hour a day for 3 days on my project.

Amir: I spent $\frac{1}{2}$ of an hour a day for 5 days on my project.

Who spent the most time on their project?

Explain your reasoning.

Eva and Amir both work on a homework project.



Eva: I spent $1\frac{1}{2}$ hours a day for 5 days on my project.

Amir: I spent $1\frac{3}{4}$ hours a day for 4 days on my project.

Who spent the most time on their project?

Explain your reasoning.

Eva and Amir both work on a homework project.

Eva: I spent $2\frac{1}{4}$ hours a day for 4 days on my project.

Amir: I spent 1 hour a day for 6 days on my project.

Who spent the most time on their project?

Explain your reasoning.

Eva and Amir both work on a homework project.

Eva: I spent $\frac{2}{3}$ of an hour a day for 4 days on my project.

Amir: I spent $1\frac{1}{4}$ hours a day for 2 days on my project.

Who spent the most time on their project?

Explain your reasoning.

Eva and Amir both work on a homework project.

Eva: I spent $\frac{3}{4}$ of an hour a day for 4 days on my project.

Amir: I spent $1\frac{1}{2}$ hours a day for 2 days on my project.

Who spent the most time on their project?

Explain your reasoning.

Eva and Amir both work on a homework project.

Eva: I spent $4\frac{1}{4}$ hours a week for 4 weeks doing my project.

Amir: I spent $2\frac{3}{4}$ hours a week for 5 weeks doing my project.

Who spent the most time on their project?

Explain your reasoning.

Attachments

add subtract with different denominators.docx

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Dividing Fractions.docx

word problems fractions and percentages.pdf

frac dec percent card sort.doc

Multiplying Fractions Worksheet.docx