Investigating Tenths – Problem Solving

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| Word problem | Answer |
| 1. What fraction lies between 6 tenths and 8 tenths on a numberline? |  |
| 2. Charlotte eats 2 tenths of her pizza and Sam eats another 2 tenths. How many tenths are left? Write your answer as a fraction. |  |
| 3. William has 10 toy cars. He gives 3 to Jack and 3 to Ella. What fraction of the cars does he give away altogether? |  |
| 4. Phoebe has 10 DVDs. She watches 9 of the DVDs with her mum. Write the number of DVDs they watched as a fraction. What fraction of the DVDs do they have left to watch? |  |
| 5. Write four tenths plus four tenths as a fraction. Show it in a picture. |  |
| 6. Woody the woodcutter cut a piece of wood into 10 pieces. He used 6 pieces of wood to make a chair. He says he has used four tenths of the wood. Is he correct or not? Explain how you know. |  |
| 7. Jane eats two tenths of her birthday cake and she gives one tenth to Olivia. Show how much of the cake is left as a picture and a fraction. |  |
| 8. Elliot has a stick of 10 multilink cubes. He removes some of the cubes so that he has three tenths left. How many cubes did he remove? |  |
| 9. Oliver holds up a string with 100 beads at one end. Lily moves 20 of them to the other end of the string. What fraction of the beads are left at Oliver’s end? |  |
| 10. There are 10 equal blocks on the class metre stick. If three of them are coloured in, what fraction of the metre stick is coloured? Show this as a picture and a fraction. |  |