

# Max's Christmas Market Maths

*Learning objective: To solve addition, subtraction, and multiplication problems involving money in a festive context.*

Help Max the monkey work out the total costs at the Winter Market. Read the passage carefully, show your working out, and then follow the drawing prompt to design your own market stall.

Max is helping out at the school Christmas market. He is in charge of the craft stall. He has three boxes of handmade star decorations for sale. Each box contains 6 stars, and each individual star costs £1.50. A customer buys two boxes of stars and pays with a £20 note. Max also has a jar of glitter pens which cost £2.75 each. A teacher buys four glitter pens for her class.

*Word bank: total · change · calculate · operation · festive · remainder*

**1. How many stars are in the two boxes the customer bought? (1 mark)**

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**2. What is the total cost of the two boxes of stars? (2 marks)**

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**3. How much change should Max give to the customer who paid with a £20 note? (2 marks)**

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**4. What is the total cost for the four glitter pens the teacher bought? (2 marks)**

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**5. If Max has £50 in his cash box and he sells 10 more stars at £1.50 each, how much money will he have in total? (3 marks)**

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**Draw:** Draw a festive market stall for Max. Include a sign with the prices of your items. Make sure you draw at least three different items for sale with their prices clearly labelled in pounds and pence.



*Extension challenge: Design a 'Meal Deal' for the market. If a customer buys one hot chocolate for £2.20 and one mince pie for £1.80, what is the total? If the deal price is £3.50, how much money does the customer save?*