

## Max's Market Maths: Division Adventures

*Learning objective: To recall and use division facts for the 3, 4, 6, 8, and 12 multiplication tables and solve problems involving division.*

Read the scenarios below and help Max the monkey solve his market puzzles. Show your working out clearly to earn full marks.

Max the monkey is helping his friends at the woodland market. He loves using his maths skills to make sure everything is shared fairly. Today, he has a basket of 48 shiny red apples to organise, 32 packets of sunflower seeds to pack, and 24 golden honey jars to arrange on the shelves. Max knows that if he uses his knowledge of multiplication tables, he can solve these puzzles in a jiffy!

**1. Max wants to share his 48 apples equally into 4 crates. How many apples will be in each crate? (2 marks)**

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**2. Max has 32 packets of seeds. If he puts 8 packets into each display box, how many display boxes will he need? (2 marks)**

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**3. There are 24 jars of honey. If Max arranges them into 3 equal rows on a shelf, how many jars will be in each row? (2 marks)**

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**4. Pip the caterpillar buys 3 notebooks for a total of £12. How much does one notebook cost? (2 marks)**

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**5. Max finds 37 blueberries. He wants to share them equally between himself and 5 friends (6 people in total). How many blueberries does each person get, and how many are left over as a remainder? (3 marks)**

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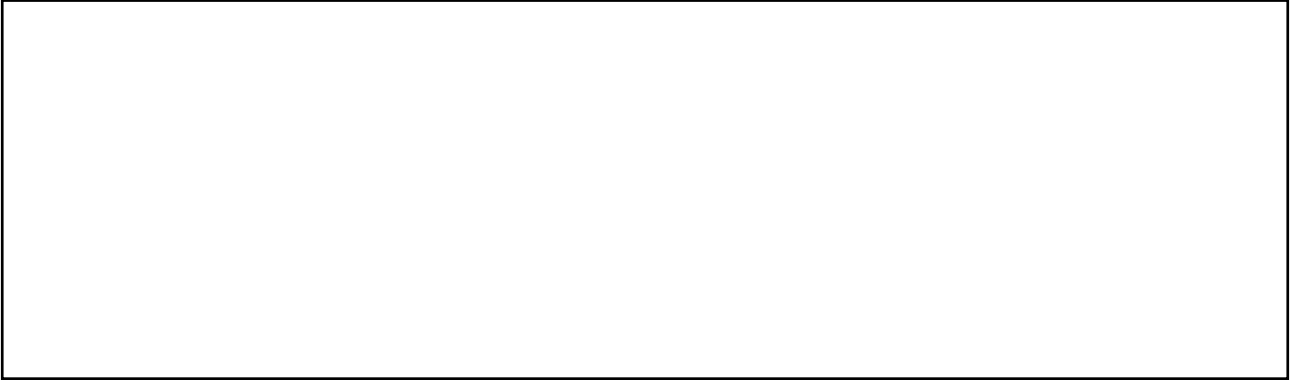
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**Draw:** Draw a picture of Max the monkey sorting 12 oranges into 3 equal baskets. Show how many oranges go into each basket.



*Extension: Challenge: Max has £40. If a bag of nuts costs £6, how many bags can he buy, and how much money will he have left over? Write your answer as a calculation.*