



Division Word Problems: Division: Mixed Operations

Grade 4

Name: _____

Solve problems, decide operations, show work.

Example: A shop sells 5 packs with 6 pencils each. They divide all pencils equally among 3 classrooms. How many pencils per classroom? Answer: $5 \times 6 = 30$, then $30 \div 3 = \underline{10}$ pencils

- (1) A factory produces 120 toys each hour. If they work for 6 hours, and then pack all the toys equally into 9 boxes, how many toys are in each box? 🧸

- (2) A library bought 350 new fiction books and 250 new non-fiction books. They want to arrange all these books equally onto 10 shelves. How many books will be on each shelf? 📖

- (3) A farmer harvested 840 apples. He sold 280 apples at the market. He then divided the remaining apples equally among 7 fruit stands. How many apples did each fruit stand receive? 🍏

- (4) A school ordered 15 boxes of pencils, with 12 pencils in each box. They gave 40 pencils to the art class. The rest were shared equally among 10 classrooms. How many pencils did each classroom get? ✏️



(5) There were 245 red balloons and 305 blue balloons at a party. 150 balloons popped. The remaining balloons were divided equally among 8 children. How many balloons did each child get? 🎈

(6) A bakery made 500 cookies in the morning. They sold 120 cookies by noon. In the afternoon, they made another 200 cookies. All the remaining cookies were packed into 10 bags. How many cookies are in each bag? 🍪

(7) A gardener planted 6 rows of rose bushes, with 12 bushes in each row. He then bought 24 more rose bushes. If he wants to arrange all his rose bushes equally into 8 garden beds, how many bushes will be in each bed? 🌹

(8) A class of 28 students is divided into 4 equal groups. Each group then makes 3 posters. How many posters do they make in total? 🖼️

