



## Division Word Problems: Mixed Four Operations Word Problems





Grade 6

Name: \_\_\_\_\_


Solve each word problem. Show your work.

Some problems have two steps. Write the equation for each step, then circle your final answer.


**Example:** Example: There are 3 boxes with 5 pens in each and 4 extra pens.  $3 \times 5 = 15$ , then  $15 + 4 = 19$  pens.

- (1) A zoo has 15 enclosures, and each enclosure has 8 monkeys. If 25 monkeys are moved to a new section, how many monkeys remain in the original enclosures? \_\_\_\_\_ 
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- (2) A baker made 120 cupcakes. She sold 75 of them. Then she baked 50 more cupcakes. How many cupcakes does she have now? \_\_\_\_\_ 
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- (3) A space mission launched 345 communication satellites and 255 weather satellites. They need to be distributed equally among 12 space stations. How many satellites will each space station receive? \_\_\_\_\_ 
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- (4) A soccer tournament started with 64 teams. In the first round, 28 teams were eliminated. The remaining teams each played 3 more matches. What is the total number of matches played by the remaining teams? \_\_\_\_\_ 
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(5) At a science fair, 18 students each built a robot with 7 sensors. The fair organizers then provided 50 extra sensors for future projects. How many sensors are there in total now? \_\_\_\_\_ 


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(6) For a birthday party, Sarah bought 3 packs of balloons with 25 balloons in each pack. She inflated 60 balloons. How many balloons are left to inflate? \_\_\_\_\_ 

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(7) A farmer harvested 450 apples. He kept 50 apples for his family and divided the rest equally among 8 local markets. How many apples did each market receive? \_\_\_\_\_ 

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(8) A library received 240 new fiction books and 120 new non-fiction books. They plan to arrange them on shelves, with 30 books per shelf. How many shelves will be needed? \_\_\_\_\_ 

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