Mixed Word Problems: Grade 5, Set A

Name: _____

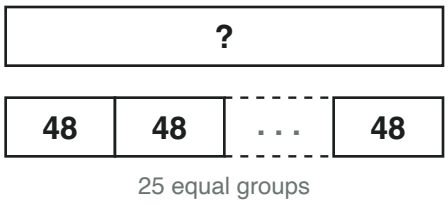
Whole numbers: multi-digit and two-step stories

Read each story. Decide which operation to use. Write the equation and its sign, then your answer.

1 A warehouse stacks 48 boxes on each pallet. There are 25 pallets. How many boxes are in the warehouse?

25 × 48 = ☐

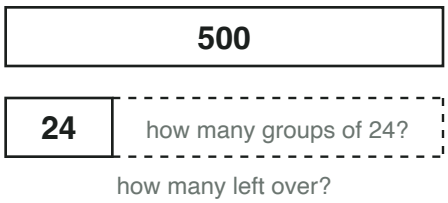
Answer: _____ boxes



2 A factory has 500 crayons to pack. Each box holds 24 crayons. How many full boxes can it pack?

☐ ○ ☐ = ☐ R ☐

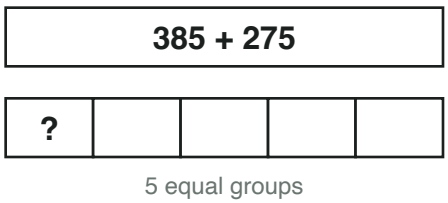
Answer: _____ boxes



3 A club collects $385 one week and $275 the next. The money is split equally among 5 charities. How much does each charity get?

☐ ○ ☐ = ☐ then ☐ ○ ☐ = ☐

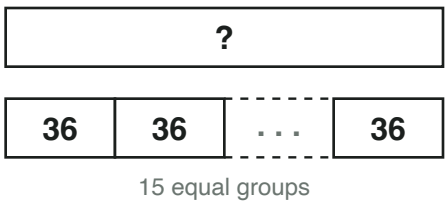
Answer: $ _____



4 Each booklet takes 36 sheets of paper. A teacher prints 15 booklets and then 40 extra sheets. How many sheets of paper does she use?

☐ ○ ☐ = ☐ then ☐ ○ ☐ = ☐

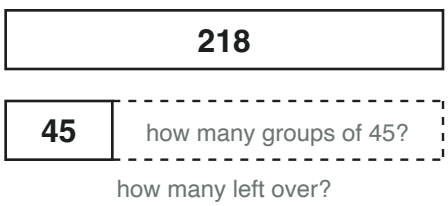
Answer: _____ sheets



5 218 students are going to a museum. Each bus holds 45 students. How many buses are needed so that every student gets a seat?

☐ ○ ☐ = ☐ R ☐

Answer: _____ buses



Mixed Word Problems: Grade 5, Set A (Answer Key)

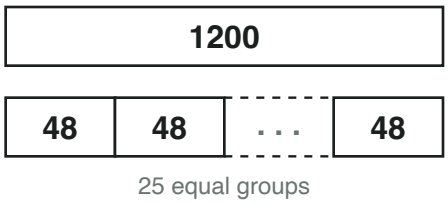
Whole numbers: multi-digit and two-step stories

Read each story. Decide which operation to use. Write the equation and its sign, then your answer.

1 A warehouse stacks 48 boxes on each pallet. There are 25 pallets. How many boxes are in the warehouse?

25 × 48 = 1200

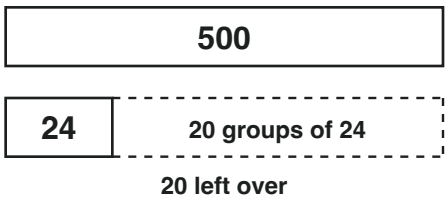
Answer: **1200** boxes



2 A factory has 500 crayons to pack. Each box holds 24 crayons. How many full boxes can it pack?

500 ÷ 24 = 20 R 20

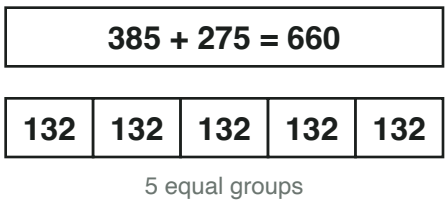
Answer: **20** boxes



3 A club collects $385 one week and $275 the next. The money is split equally among 5 charities. How much does each charity get?

385 + 275 = 660 then **660 ÷ 5 = 132**

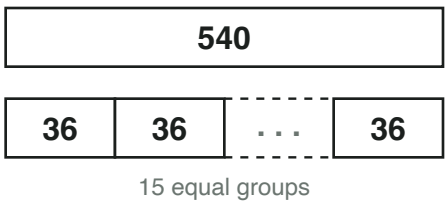
Answer: $ **132**



4 Each booklet takes 36 sheets of paper. A teacher prints 15 booklets and then 40 extra sheets. How many sheets of paper does she use?

15 × 36 = 540 then **540 + 40 = 580**

Answer: **580** sheets



5 218 students are going to a museum. Each bus holds 45 students. How many buses are needed so that every student gets a seat?

218 ÷ 45 = 4 R 38

Answer: **5** buses

