## Mixed multiplication and division word problems

1. Ms. Wiggins is organizing a fieldtrip for 150 students plus 10 teachers. If a school bus can hold 20 passengers, how many school buses does Ms. Wiggins need?
2. Mrs. Peterson can make 12 apple pies and 4 pans of cinnamon rolls in an hour. If she continues to work for 3 hours, how many apple pies can she make?
3. I run 10 kilometers and do 50 push-ups a day. How many kilometers do I run in 30 days?


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4. Elliot's order for the coffee shop has arrived. There are 12 boxes of coffee beans and 8 boxes of creamers. Each box of coffee contains 10 packages. How many packages of coffee beans are there?
5. Mrs. Wilson's existing plant rack can hold up to 21 plants. She buys 2 additional plant racks and 2 sacks of fertilizer. How many plants can now be displayed on her racks altogether?
6. Mrs. Peterson baked 360 blueberry cheesecakes. Each box can hold 6 blueberry cheesecakes.
a.) How many boxes will she need?
b.) If each box needs 2 feet of ribbon lace for decoration, how many feet of ribbon lace will she need?

## Answers

1. $150+10=160$

There was a total of 160 persons/passengers.
$160 \div 20=8$
Ms. Wiggins needs 8 buses.
2. $12 \times 3=36$

Mrs. Peterson can bake 36 apple pies in 3 hours.
3. $10 \times 30=300$

I can run 300 kilometers in 30 days.
4. $12 \times 10=120$

There are 120 packages of coffee beans.
5. $3 \times 21=63$

63 plants can now be displayed on her racks altogether.
6. $360 \div 6=60$
$2 \times 60=120$
Mrs. Peterson will need 60 boxes for the blueberry cheesecakes and 120 feet of ribbon lace.

