

L.O. To solve word problems, using the formal method for multiplication

- 1) Mrs Topping went on a shopping spree and bought 12 pairs of shoes. Each pair cost £15. How much did she spend?



- 2) If Mr Jones eats 4 biscuits a day, how many does he eat over 16 weeks?



- 3) Mr Masingiri wants to replace the school's footballs. Each football costs £18 and he wants to order 34. How much will they cost altogether?



- 4) Mrs Ferrier buys a jar full of 35 sweets. She wants to get enough sweets to last her all year, so she buys another 22 jars. How many sweets are there in all 23 jars?



- 5) Mrs Davis needs to order some new whiteboard pens for the school. She orders 32 boxes. Each box contains 25 pens. How many pens are ordered? If the pens are shared equally between 10 classes. How many pens will each class get?

- 6) George goes to watch football once every week. How many times does he watch the football over 10 years?

- 7) Isla loves bouncy balls. She has been so good this $\frac{1}{2}$ term that Mrs Brown buys her a packet of 54 balls. Isla goes out to play and bounces each ball 27 times. How many times were the balls bounced altogether?

- 8) Jack watches 4 TV programmes every day. How many programmes does he watch over 52 weeks?

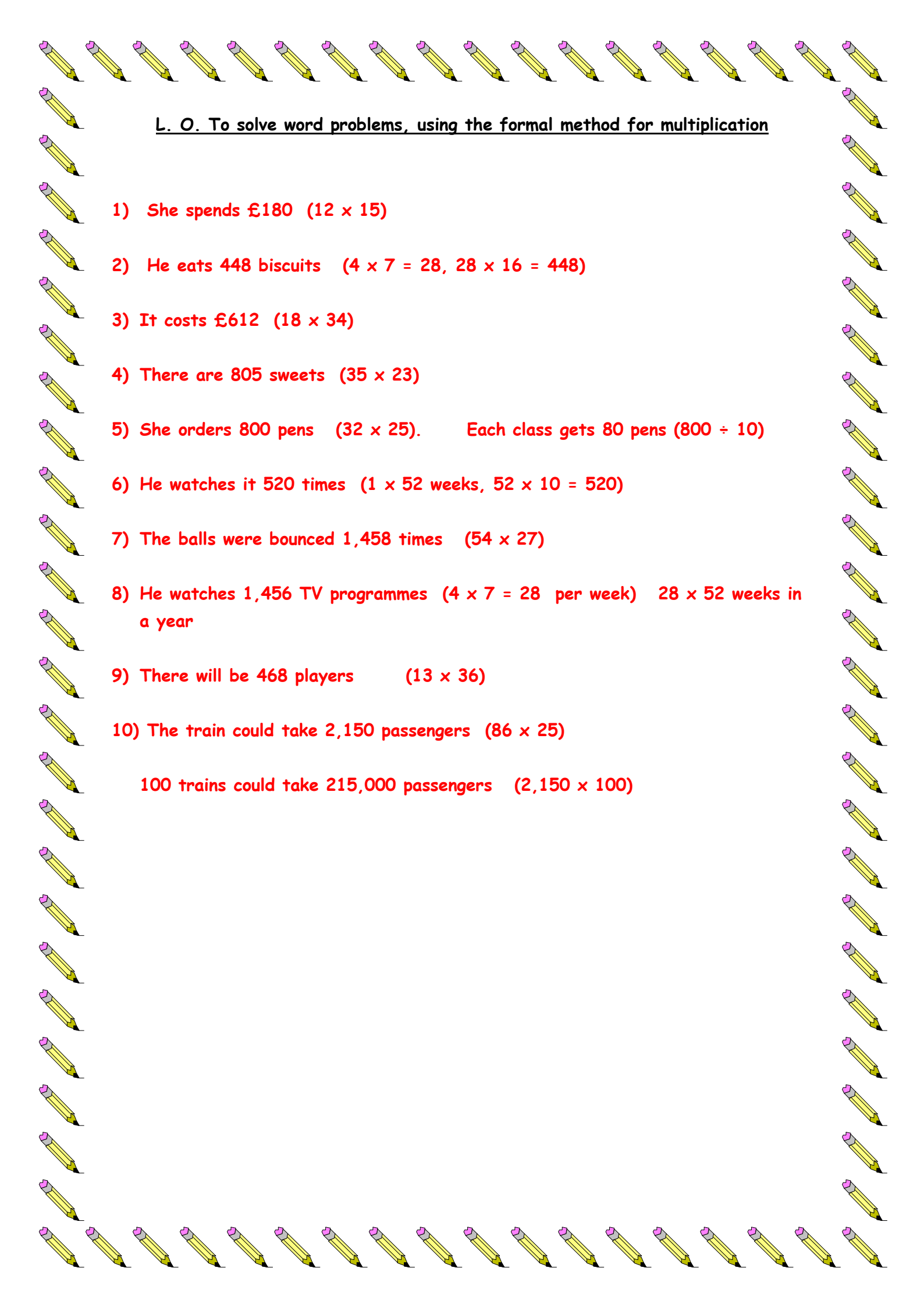


- 9) Mr Masingiri chooses 13 people to play in the school football team. He decides to put the team in a tournament with 35 other teams that all have the same number of players as North Lancing. How many players will be at the tournament?

- 10) Aveya takes a train to London. Each train carriage can carry 86 passengers. The train has 25 carriages. What is the total number of passengers that the train can carry? How many passengers could travel if the train made 100 trips, how many passengers could potentially travel?



- 11) **Challenge!** Can you make up some problems for the class to solve? Remember to work out the correct answer and include it with your problem.



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1) She spends £180 (12×15)

2) He eats 448 biscuits ($4 \times 7 = 28$, $28 \times 16 = 448$)

3) It costs £612 (18×34)

4) There are 805 sweets (35×23)

5) She orders 800 pens (32×25). Each class gets 80 pens ($800 \div 10$)

6) He watches it 520 times (1×52 weeks, $52 \times 10 = 520$)

7) The balls were bounced 1,458 times (54×27)

8) He watches 1,456 TV programmes ($4 \times 7 = 28$ per week) 28×52 weeks in a year

9) There will be 468 players (13×36)

10) The train could take 2,150 passengers (86×25)

100 trains could take 215,000 passengers ($2,150 \times 100$)