

Student Name: _____

1. Following the order of operations rules, calculate

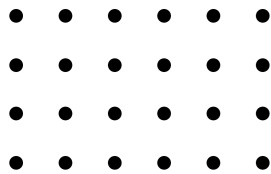
$$2 + 3 \times 9$$

Answer: _____

2. A grandfather has 3 children, each of which has 2 children. How many descendants does he have? (This does not include himself.)

Answer: _____

3. How many dots are there in the diagram?



Answer: _____

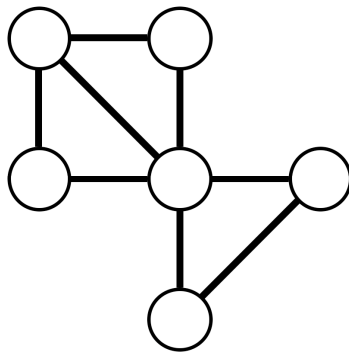
4. Alice has 5 boxes of candy, and each box has 20 pieces of candy in it. How many pieces of candy does Alice have in total?

Answer: _____

5. Bob’s car weighs 1000 kilograms. When 6 people are in the car, it weighs 1360 kilograms. If the 6 people all weigh the same, how much does each of them weigh?

Answer: _____

6. Charles wants to colour each circle in the diagram below such that no two circles connected by a line have the same colour. What's the smallest number of different colours he must use?



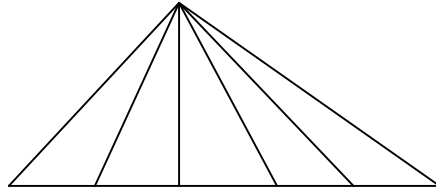
Answer: _____

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7. A square has perimeter 24. What is its area?

Answer: _____

8. How many triangles (of all sizes) can be found in the figure below?



Answer: _____