Y6 Arithmetic Homework w/c 2.11.26

Base Camp

Use BIDMAS to work out each calculation.

1. $8 + 4 \times 3 =$_____
2. $24 \div 6 + 9 =$_____
3. $7 \times 5 - 12 =$_____
4. $18 + 20 \div 4 =$_____

Climbing

Remember: brackets come first.

1. $(12 + 8) \div 4 =$_____
2. $40 - 6 \times 5 =$_____
3. $9 + 24 \div 6 \times 3 =$_____
4. $7 \times (4 + 5) - 13 =$_____

Peak

1. $6^2 + 20 \div 4 =$_____
2. $80 - 5^2 \times 2 =$_____
3. $100 \div 5 + 4^2 \times 3 =$_____
4. $8^2 \div 4 + (17 - 9) =$_____

Summit

1. $240 \div 8 \times 3 + 125 =$_____
2. $200 - (36 \div 6) \times 7 + 18 =$_____
3. **Write the missing operation** $(+, -, \times \text{ or } \div)$ to make this correct: 18 _____ $6 \times 4 = 12$
4. Amelia says: "$30 + 24 \div 6 = 9$ because I worked from left to right." **Explain Amelia's mistake and work out the correct answer.**
5. Add **one pair of brackets** to make this number sentence correct:

   $$8 + 4 \times 6 - 2 = 70$$

   Explain **why your brackets change the answer**.

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5. Add **one pair of brackets** to make this number sentence correct:

   $$8 + 4 \times 6 - 2 = 70$$

   Explain **why your brackets change the answer**.