

(ART & D.T. Focus) Maths Word Problems – UKS2 – Year 5

1. A school orders 236 paintbrushes and then receives 158 more in a delivery. How many paintbrushes does the school have in total?
2. There are 845 sheets of paper in the cupboard. If 369 sheets are used for an art project, how many sheets are left?
3. A pack of sketchpads contains 24 pages each. How many pages are there in 17 sketchpads?
4. A glue stick costs £3. How much will it cost to buy 9 glue sticks?
5. A large canvas has an area of 2.4 m^2 . A smaller canvas is exactly half the size. What is the area of the smaller canvas?
6. A class shares 156 marker pens equally between 12 children. How many marker pens does each child get?
7. A child uses $\frac{3}{8}$ of a metre of ribbon. How much ribbon is left from 1 metre?
8. A paint bottle holds 2.5 litres. If a child uses 1.75 litres, how much paint is left in the bottle?
9. There are 18 boxes of pencils. Each box contains 36 pencils. How many pencils are there altogether?
10. A sculpture takes 1 hour and 25 minutes to complete. How long will it take to make 4 sculptures?

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MARK SCHEME

1. $236 + 158 = 394$ paintbrushes.
2. $845 - 369 = 476$ sheets of paper.
3. $24 \times 17 = 408$ pages.
4. $\pounds 3 \times 9 = \pounds 27$.
5. $2.4 \div 2 = 1.2 \text{ m}^2$.
6. $156 \div 12 = 13$ marker pens per child.
7. $1 - \frac{3}{8} = \frac{5}{8}$ of a metre left.
8. $2.5 - 1.75 = 0.75$ litres of paint left.
9. $18 \times 36 = 648$ pencils.
10. 1 hour 25 minutes $\times 4 = 5$ hours.