

Questions - Monday

Year 6 - Terms 1, 2

Place Value, Fractions, decimals and percentages, Four Operations (+, -, x, ÷) and more.

Q1: Order from smallest to largest: 37.3, 7.33, 3.77, 733, 373 *(Order decimals smallest to largest)*

Q2: What is 10 more than 18,560? *(1, 10, 100 and 1,000 more/less)*

Q3: $\frac{5}{6}$ of ____ = 40 *(Find the whole)*

Q4: $85.3 \times 7 =$ *(Multiplying decimals)*

Q5: Find 60 % of 710 *(Percentage of amount)*

Q6: Which two numbers add to make 1? 0.33, 0.435, 0.92, 0.565, 0.48 *(Add decimals to make 1)*

Q7: What is 0.91 as a fraction and a percentage? *(Fractions, decimals, percentages)*

Q8: A book has 560 pages. I read $\frac{5}{10}$ on Monday, and $\frac{1}{4}$ on Tuesday. How many pages are left? *(Fraction of an amount problems)*

Q9: $6\frac{5}{8} - \frac{3}{7} =$ *(Adding and subtracting fractions)*

Q10: $7,096 \times 86$ *(Column multiplication (4 by 2 digit multiplication))*

Q11: Find the mean between these numbers: 32, 48, 56, 40, 64 *(Find the mean)*

Q12: A 21-block tower is 189 cm. I take 6 blocks away, how tall will the tower be? *(Find one)*

Q13: $2a + b = 19$, $b = 5$. $a = ?$ *(Algebra)*

Q14: I have 80 sweets in total. I have 7 red sweets for every 9 blue sweets. How many are red? *(Ratio)*

Q15: I left home at 08:17 and returned home at 09:43. How long was I away? *(Time)*

Answers - Monday

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Place Value, Fractions, decimals and percentages, Four Operations (+, -, x, ÷) and more.

A1: Order from smallest to largest: 3.77, 7.33, 37.3, 373, 733 *(Order decimals smallest to largest)*

A2: What is 10 more than 18,560 = 18,570 *(1, 10, 100 and 1,000 more/less)*

A3: $\frac{5}{6}$ of 48 = 40 *(Find the whole)*

A4: $85.3 \times 7 = 597.1$ *(Multiplying decimals)*

A5: Find 60 % of 710 = 426 *(Percentage of amount)*

A6: Which two numbers add to make 1? $0.565 + 0.435 = 1$ *(Add decimals to make 1)*

A7: What is 0.91 as a fraction and a percentage = $\frac{91}{100}$, 91 % *(Fractions, decimals, percentages)*

A8: A book has 560 pages. I read $\frac{5}{10}$ on Monday, and $\frac{1}{4}$ on Tuesday. How many pages are left = 140 *(Fraction of an amount problems)*

A9: $6\frac{5}{8} - \frac{3}{7} = \frac{347}{56}$ or $6\frac{11}{56}$ *(Adding and subtracting fractions)*

A10: $7,096 \times 86 = 610,256$ *(Column multiplication (4 by 2 digit multiplication))*

A11: Find the mean between these numbers: 32, 48, 56, 40, 64 = 48 *(Find the mean)*

A12: A 21-block tower is 189 cm. I take 6 blocks away, how tall will the tower be = 135 cm *(Find one)*

A13: $2a + b = 19$, $b = 5$. $a = 7$ *(Algebra)*

A14: I have 80 sweets in total. I have 7 red sweets for every 9 blue sweets. How many are red? = 35 red sweets *(Ratio)*

A15: I left home at 08:17 and returned home at 09:43. How long was I away? = 1 hour 26 minutes *(Time)*

Questions - Tuesday

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Q1: Order from smallest to largest: 49.4, 4.94, 94.4, 944, 44.9 *(Order decimals smallest to largest)*

Q2: What is 1,000 more than 49,386? *(1, 10, 100 and 1,000 more/less)*

Q3: $\frac{4}{8}$ of ____ = 28 *(Find the whole)*

Q4: $28.44 \div 7 =$ *(Multiplying decimals)*

Q5: Find 75 % of 3,332 *(Percentage of amount)*

Q6: Which two numbers add to make 1? 0.18, 0.66, 0.761, 0.239, 0.34 *(Add decimals to make 1)*

Q7: What is $\frac{5}{9}$ as a decimal and a percentage? *(Fractions, decimals, percentages)*

Q8: A book has 800 pages. I read $\frac{9}{25}$ on Monday, and $\frac{4}{10}$ on Tuesday. How many pages are left? *(Fraction of an amount problems)*

Q9: $\frac{5}{6} - \frac{2}{7} =$ *(Adding and subtracting fractions)*

Q10: $6,923 \times 32$ *(Column multiplication (4 by 2 digit multiplication))*

Q11: Find the mean between these numbers: 90, 58, 62, 78, 70 *(Find the mean)*

Q12: 12 pencils cost £7.80. 6 pencils and 2 pens cost £5.10. How much is a pen? *(Find one)*

Q13: $2a - 6 = 18$ $a = ?$ *(Algebra)*

Q14: There are 7 red sweets for every 6 blue sweets. If I have 28 red sweets, how many are blue? *(Ratio)*

Q15: Find 88 % OFF 7,300 *(Percentage OFF amount)*

Answers - Tuesday

Year 6 - Terms 1, 2

Place Value, Fractions, decimals and percentages, Four Operations (+, -, x, ÷) and more.

A1: Order from smallest to largest: 4.94, 44.9, 49.4, 94.4, 944 *(Order decimals smallest to largest)*

A2: What is 1,000 more than 49,386 = 50,386 *(1, 10, 100 and 1,000 more/less)*

A3: $\frac{4}{8}$ of 56 = 28 *(Find the whole)*

A4: $28.44 \div 7 = 4.063$ *(Multiplying decimals)*

A5: Find 75 % of 3,332 = 2,499 *(Percentage of amount)*

A6: Which two numbers add to make 1? $0.66 + 0.34 = 1$ *(Add decimals to make 1)*

A7: What is $\frac{5}{9}$ as a decimal and a percentage = 0.556, 55.6 % *(Fractions, decimals, percentages)*

A8: A book has 800 pages. I read $\frac{9}{25}$ on Monday, and $\frac{4}{10}$ on Tuesday. How many pages are left = 192
(Fraction of an amount problems)

A9: $\frac{5}{6} - \frac{2}{7} = \frac{23}{42}$ *(Adding and subtracting fractions)*

A10: $6,923 \times 32 = 221,536$ *(Column multiplication (4 by 2 digit multiplication))*

A11: Find the mean between these numbers: 90, 58, 62, 78, 70 = 71.6 *(Find the mean)*

A12: 12 pencils cost £7.80. 6 pencils and 2 pens cost £5.10. How much is a pen? = £0.60 *(Find one)*

A13: $2a - 6 = 18$ $a = 12$ *(Algebra)*

A14: There are 7 red sweets for every 6 blue sweets. If I have 28 red sweets, how many are blue? = 24 blue sweets *(Ratio)*

A15: Find 88 % OFF 7,300 = 876 *(Percentage OFF amount)*
