

Y6 Arithmetic Paper Skills

KS2 Y6 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

73,406 – 28,759

Step 1 · Ones: 6 – 9. The tens digit is 0, so exchange 1 hundred for 10 tens, then 1 ten for 10 ones: 16 – 9
7

Step 2 · Tens: 9 – 5
4

Step 3 · Hundreds: 3 – 7, so exchange 1 thousand: 13 – 7
6

Step 4 · Thousands: 2 – 8, so exchange 1 ten thousand: 12 – 8; then ten thousands: 6 – 2
4 and 4

Answer: 44,647

Check: Inverse: $44,647 + 28,759 = 73,406$ ✓

2. Now try one with the steps

$\frac{3}{4} + \frac{2}{5}$

Step 1 · Common denominator: 20

Step 2 · Add the numerators

Step 3 · Write mixed number

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. $45,218 + 37,946$

2. $60,005 - 7,348$

3. $9.6 + 13.75$

4. $7.2 - 3.48$

5. 806×7

6. $5,184 \div 8$

7. 7×2.8

8. 25% of 640

9. $72 - 6 \times 9 + 4$

10. $2,453 \times 36$

11. $7,912 \div 23$

12. 35% of 420

13. $\frac{2}{3} \times \frac{3}{8}$ (simplest form)

14. $\frac{4}{5} \div 2$

15. $2\frac{1}{4} - \frac{5}{6}$ (as a mixed number)

4. Before you hand it in

Doing long multiplication or long division in your head and only writing the answer.

Write out every row. On a test, a correct method can still earn a mark even if one digit slips, but only if the working is shown.

Leaving 6/24 answer when the question says simplest form.

Check: do the numerator and denominator share a factor? $\frac{6}{24} = \frac{1}{4}$.

Lining up $9.6 + 13.75$ by the last digit, giving 14.71.

Line up the decimal points and fill gaps with 0: $9.60 + 13.75 = 23.35$.

Getting stuck on one hard question and running out of time.

Do the quick questions first, mark the hard ones, and come back. Leave time to check with the inverse.