

Y4- Addition and Subtraction



| column subtraction | | | | | | |
|--------------------|------------------------|----------------------------------|--|--|--|--|
| Th | н | 0 | | | | |
| 4 | ¹ 2 | 7 | 8 | | | |
| 3 | 3 | 5 | 1 | | | |
| 1 | 9 | 2 | 7 | | | |
| | | | | | | |
| | Th 4 5 3 1 | Th H 4_{5} 1_{2} 3 1 9 | Th H T 4_{5} 1_2 7 3 3 5 1 9 2 | | | |

estimating answers

4,934 + 2,345

Rounded to the nearest thousand: 5,000 + 2,000 = 7,000

The answer should be approximately 7,000

4,934 + 2,345 = 7,279

using the inverse operation to check answers

4,934 + 2,345 = 7,279

'inverse' means opposite, so check by subtracting one part from the whole.

| 7,279 | | | | | | | |
|-------|-------|--|--|--|--|--|--|
| 4,934 | 2,345 | | | | | | |

7,279- 4,934 = 2,345

solve addition and subtraction two-step problems

Mia was given £50 for her birthday. She bought an game for £26 and a shirt for £15. How much does she have left?

| £50 | | | | | | |
|-----|-----|---|--|--|--|--|
| £26 | £15 | ? | | | | |

Find out how much was spent in total, then subtract from the amount of money she was given.



| Y4- Multiplication and Division | | | | | | | | | | | | | | _ |
|--|--|-----------|--|---------------------------|---|--|---|-------|------------------|--------------------------------------|--|--|--------|-----|
| | | | | | | u | sing | kno | wn | facts | 5 | | | |
| finding factor pairs 12 1 x 12 2 x 6 3 x 4 | multiplying us factor pairs 12 x 9 = 10 x 9= 90 2 x 9 = 18 90 + 18 = 10 | sing s | | 4 40 4 4 x 40 | 7 x 4 0 x 7 0 x 7 x 70 x 70 x 70 x 70 | 7 = 2 = 2 = 2 = 2 = 2 = 2 | 4 28 80 ,800 80 ,800 ,800 | x 7 = | = 28 2, 2, | 28 28 280 280 800 800 | ÷ 7 = ÷ 4 = ÷ 7 = ÷ 4 = ÷ 7 = ÷ 4 = | = 4 = 7 = 40 = 70 = 40(= 70(|)) | |
| | $12 \times 9 = 108$ | 3 | Г | | ٨ | nv n | umb | or m | ultinl | iad h | νOid | - 0 | | |
| short multiplication | | | | | 4 x | 0 = | 0 | 7 x 0 | 0 = 0 | 1 1 | 2 x 0 | = 0 | | |
| x 6 x | 5 7 | | Any number multiplied or divided by 1 stays t same $45 \times 1 = 45$ $45 \div 1 = 45$ | | | | | | ys th | e | | | | |
| 3 4 2 1 | 4 2 | | L | | | | | | | | | | | |
| 4 3 | 4 | | • | 2 | 2 | 1 | F | 6 | 7 | 0 | • | 10 | 11 | 12 |
| | | x 1 | 1 | 2 | 3 | 4 4 | э 5 | 6 | 7 | 0 8 | 9 | 10 | 11 | 12 |
| | | 2 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| | | 3 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 |
| short division | | 4 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 | 44 | 48 |
| | | 5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| $148 \div 2 = 74$ | 7 4 | 6 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 70 | 66 | 72 |
| dividend divisor quotient | 4 8 | 8 | / | 14 | 21 | 20 32 | 35 40 | 42 | 49 56 | 64 | 72 | 70 80 | 88 | 96 |
| 1 | | 9 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 | 99 | 108 |
| | | 10 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| | | 11 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 110 | 121 | 132 |
| | | 12 | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 |



Y4- Fractions (including Decimals)





PRIMARY MATHS HUE







fraction and decimal equivalence

$$\frac{1}{4} = \frac{25}{100} = 0.25$$

$$\frac{1}{2} = \frac{50}{100} = 0.5$$

 $\frac{3}{4} = \frac{75}{100} = 0.75$



PRIMARY MATHS

| 12 hour | 24 hour | | | |
|----------|---------|--|--|--|
| 1:00 am | 1:00 | | | |
| 2:00 am | 2:00 | | | |
| 3:00 am | 3:00 | | | |
| 4:00 am | 4:00 | | | |
| 5:00 am | 5:00 | | | |
| 6:00 am | 6:00 | | | |
| 7:00 am | 7:00 | | | |
| 8:00 am | 8:00 | | | |
| 9:00 am | 9:00 | | | |
| 10:00 am | 10:00 | | | |
| 11:00 am | 11:00 | | | |
| 12:00 pm | 12:00 | | | |
| 1:00 pm | 13:00 | | | |
| 2:00 pm | 14:00 | | | |
| 3:00 pm | 15:00 | | | |
| 4:00 pm | 16:00 | | | |
| 5:00 pm | 17:00 | | | |
| 6:00 pm | 18:00 | | | |
| 7:00 pm | 19:00 | | | |
| 8:00 pm | 20:00 | | | |
| 9:00 pm | 21:00 | | | |
| 10:00 pm | 22:00 | | | |
| 11:00 pm | 23:00 | | | |
| 12:00 pm | 00:00 | | | |



Y4- Geometry- Position and Direction

