

If you have any questions about your learning, please email:

learning@wembleyprimary.brent.sch.uk

You do not need to send in any maths learning to your teacher, all answers have been provided for you to self mark.

Please complete learning in your home learning book.

You will also have maths work on Education City.

Starter

$$1\frac{3}{4} \times 10 =$$

$$56.38 + 24.7 =$$

Write these masses in order, starting with the **lightest**.

1.25 kg

0.99 kg

1.025 kg

0.009 kg

 kg kg kg kg

lightest

John buys one toy car and one pack of stickers.



£1.49



£1.64

He pays with a **£10** note.

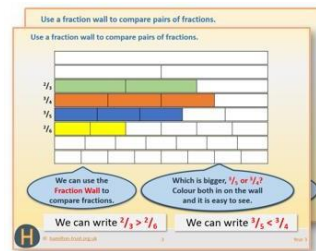
How much change does John get?

Day 1

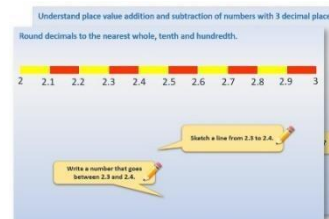
Add and subtract near multiples of 10, 100, 1000.

Each day covers one maths topic. It should take you about 1 hour or just a little more.

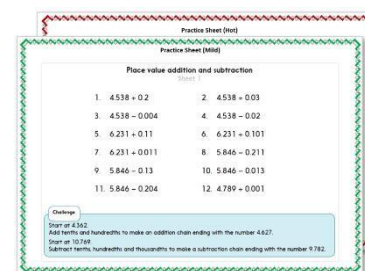
1. If possible, watch the **PowerPoint presentation** with a teacher or another grown-up.



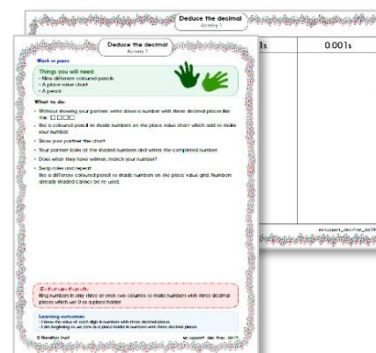
OR start by carefully reading through the **Learning Reminders**.



2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



3. Finding it tricky? That's OK... have a go with a grown-up at **A Bit Stuck?**



4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the **Investigation**...

Learning Reminders

Add and subtract near multiples of 10, 100, 1000.

$$4658 + 198$$

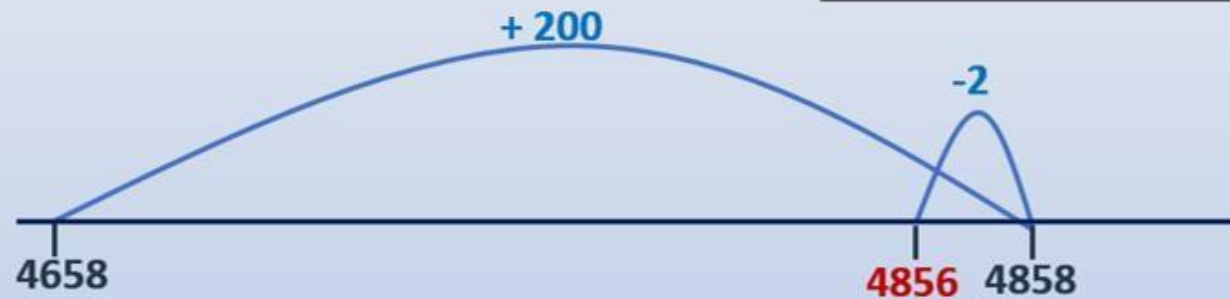
$$4658 + 205$$

198 and 205 are both close to 200.

Let's start with that fact that
 $4658 + 200 = 4858$...

To find $4658 + 198$, add 200
then subtract 2 as 198 is
2 less than 200.

$$4658 + 198 = 4856$$



Learning Reminders

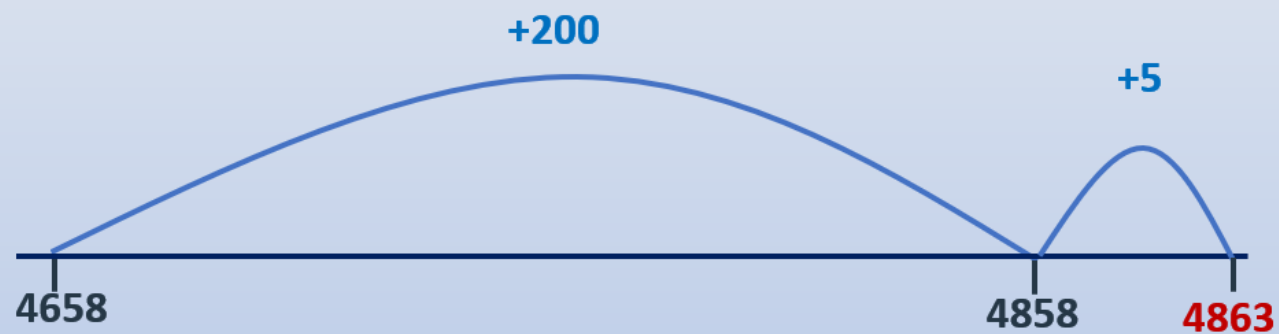
Add and subtract near multiples of 10, 100, 1000.

$$4658 + 198$$

$$4658 + 205$$

To find $4658 + 205$, add 200 then 5 more as 205 is 5 more than 200.

$$4658 + 205 = 4863$$



Learning Reminders

Add and subtract near multiples of 10, 100, 1000.

$$4658 - 2005$$

$$4658 - 1998$$

We know $4658 - 2000$ is 2658.

2005 is 5 more than 2000 so
subtract 5 more:

$$4658 - 2000 = 2658$$

$$4658 - 2005 = 2653$$

1998 is 2 less than 2000 so
add 2 back:

$$4658 - 2000 \text{ is } 2658$$

$$4658 - 1998 = 2660$$

Practice Sheet Mild

Add and subtract near multiples of 10, 100, 1000

- | | | | |
|----|---------------|---------------|---------------|
| 1. | $6545 + 30$ | $6545 + 32$ | $6545 + 28$ |
| 2. | $7365 + 70$ | $7365 + 73$ | $7365 + 67$ |
| 3. | $5352 + 400$ | $5352 + 405$ | $5352 + 395$ |
| 4. | $4578 + 2000$ | $4578 + 2003$ | $4578 + 1999$ |
| 5. | $7472 - 50$ | $7472 - 51$ | $7472 - 49$ |
| 6. | $3843 - 300$ | $3843 - 302$ | $3843 - 298$ |
| 7. | $4270 - 400$ | $4270 - 401$ | $4270 - 399$ |
| 8. | $8452 - 3000$ | $8452 - 3005$ | $8452 - 2995$ |

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Practice Sheet Hot

Add and subtract near multiples of 10, 100, 1000

- | | | |
|-----|-----------------|-----------------|
| 1. | $5378 + 51$ | $5378 + 48$ |
| 2. | $6425 - 602$ | $6425 - 597$ |
| 3. | $4635 + 2002$ | $4635 + 1995$ |
| 4. | $24,378 + 405$ | $24,378 + 398$ |
| 5. | $34,651 + 3002$ | $34,561 + 2997$ |
| 6. | $67,384 - 53$ | $67,384 - 49$ |
| 7. | $32,456 - 4002$ | $32,456 - 3995$ |
| 8. | $45,823 + 503$ | $45,823 + 496$ |
| 9. | $32,538 + 410$ | $32,538 + 390$ |
| 10. | $73,256 - 5020$ | $73,256 - 4990$ |

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ANSWERS

Starter

$$1\frac{3}{4} \times 10 = 17\frac{1}{2} \text{ OR } \frac{70}{4} \text{ OR } \frac{35}{2}$$

$$56.38 + 24.7 = \mathbf{81.08}$$

Write these masses in order, starting with the **lightest**.

1.25 kg 0.99 kg 1.025 kg 0.009 kg

| | | | |
|----|----|----|----|
| kg | kg | kg | kg |
|----|----|----|----|

lightest

0.009kg, 0.99kg, 1.025kg, 1.25kg

John buys one toy car and one pack of stickers.



£1.49



£1.64

He pays with a **£10** note.

How much change does John get?

£6.87

Practice Sheets Answers

Add and subtract near multiples of 10, 100, 1000 (mild)

- | | | | |
|----|----------------------|----------------------|----------------------|
| 1. | $6545 + 30 = 6575$ | $6545 + 32 = 6577$ | $6545 + 28 = 6573$ |
| 2. | $7365 + 70 = 7435$ | $7365 + 73 = 7438$ | $7365 + 67 = 7432$ |
| 3. | $5352 + 400 = 5752$ | $5352 + 405 = 5757$ | $5352 + 395 = 5747$ |
| 4. | $4578 + 2000 = 6578$ | $4578 + 2003 = 6581$ | $4578 + 1999 = 6577$ |
| 5. | $7472 - 50 = 7422$ | $7472 - 51 = 7421$ | $7472 - 49 = 7423$ |
| 6. | $3843 - 300 = 3543$ | $3843 - 302 = 3541$ | $3843 - 298 = 3545$ |
| 7. | $4270 - 400 = 3870$ | $4270 - 401 = 3869$ | $4270 - 399 = 3871$ |
| 8. | $8452 - 3000 = 5452$ | $8452 - 3005 = 5447$ | $8452 - 2995 = 5457$ |

Add and subtract near multiples of 10, 100, 1000 (hot)

- | | | |
|-----|--------------------------|--------------------------|
| 1. | $5378 + 51 = 5429$ | $5378 + 48 = 5426$ |
| 2. | $6425 - 602 = 5823$ | $6425 - 597 = 5828$ |
| 3. | $4635 + 2002 = 6637$ | $4635 + 1995 = 6630$ |
| 4. | $24,378 + 405 = 24,783$ | $24,378 + 398 = 24,776$ |
| 5. | $34,651 + 3002 = 37,653$ | $34,561 + 2997 = 37,558$ |
| 6. | $67,384 - 53 = 67,331$ | $67,384 - 49 = 67,335$ |
| 7. | $32,456 - 4002 = 28,454$ | $32,456 - 3995 = 28,461$ |
| 8. | $45,823 + 503 = 46,326$ | $45,823 + 496 = 46,319$ |
| 9. | $32,538 + 410 = 32,948$ | $32,538 + 390 = 32,928$ |
| 10. | $73,256 - 5020 = 68,236$ | $73,256 - 4990 = 68,266$ |

A Bit Stuck?

Adding multiples of 10 and 100 and multiples +1, -1

Sketch an empty number line for each question.

It will help you to visualise which way to adjust each addition.

- | | | | | | |
|-----------------------|-------------|-------------|-----------------------|-------------|-------------|
| 1. $156 + 20$ | $156 + 19$ | $156 + 21$ | 6. $435 + 300$ | $435 + 299$ | $435 + 301$ |
| 2. $347 + 40$ | $347 + 39$ | $347 + 41$ | 7. $726 + 100$ | $726 + 99$ | $726 + 101$ |
| 3. $661 + 30$ | $661 + 29$ | $661 + 31$ | 8. $412 + 400$ | $412 + 399$ | $412 + 401$ |
| 4. $346 + 100$ | $346 + 99$ | $346 + 101$ | 9. $189 + 30$ | $189 + 29$ | $189 + 31$ |
| 5. $257 + 200$ | $257 + 199$ | $257 + 201$ | 10. $275 + 40$ | $275 + 39$ | $275 + 41$ |

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A Bit Stuck?

Answers

Adding multiples of 10 and 100 and multiples +1, -1

| | | |
|----------------------|-------------------|-------------------|
| 1. $156 + 20 = 176$ | $156 + 19 = 175$ | $156 + 21 = 177$ |
| 2. $347 + 40 = 387$ | $347 + 39 = 386$ | $347 + 41 = 388$ |
| 3. $661 + 30 = 691$ | $661 + 29 = 690$ | $661 + 31 = 692$ |
| 4. $346 + 100 = 446$ | $346 + 99 = 445$ | $346 + 101 = 447$ |
| 5. $257 + 200 = 457$ | $257 + 199 = 456$ | $257 + 201 = 458$ |
| 6. $435 + 300 = 735$ | $435 + 299 = 734$ | $435 + 301 = 736$ |
| 7. $726 + 100 = 826$ | $726 + 99 = 825$ | $726 + 101 = 827$ |
| 8. $412 + 400 = 812$ | $412 + 399 = 811$ | $412 + 401 = 813$ |
| 9. $189 + 30 = 219$ | $189 + 29 = 218$ | $189 + 31 = 220$ |
| 10. $275 + 40 = 315$ | $275 + 39 = 314$ | $275 + 41 = 316$ |