

Mental Maths 2

Includes:

- 10 mental maths worksheets
- Answer sheets
- Variety of mathematical concepts

Mathematical concepts:

- Averages
- Algebra
- Adding decimals
- Ordering decimals
- Indices
- Percentages
- Improper fractions

Week 1 Mental Maths

Find the average Monday	Algebra Tuesday	Adding decimals Wednesday	Ascending order Thursday
1. 6, 15, 9 =	1. $3 + 4 \times$ = 39	1. $18.2 + 14.5 =$	1. 0.3, 0.03, 3.3, 0.35

Week 5 Mental Maths

Find the average Monday	Algebra Tuesday	Adding decimals Wednesday	Ascending order Thursday
1. 14.8 =	1. $15 + 10 \times$ = 65	1. $13.6 + 9.5 =$	1. 8.5, 8.05, 8.28, 2.84
2. 11, 11, 11, 11 =	2. $26 + 4 \times$ = 38	2. $23.7 + 8.2 =$	2. 3.93, 3.39, 3.09, 3.33

Week 6 Mental Maths

Square & Add Monday	Multiply Tuesday	Percentages Wednesday	Improper to mixed Thursday
1. $5^2 + 2^2 =$	1. $8 \times 3 \times 2 =$	1. 25% of 40 =	1. $\frac{12}{5} =$
2. $3^2 + 9^2 =$	2. $4 \times 5 \times 5 =$	2. 40% of 90 =	2. $\frac{14}{3} =$

Week 10 Mental Maths

Square & Add Monday	Multiply Tuesday	Percentages Wednesday	Improper to mixed Thursday
1. $7^2 + 2^2 =$	1. $5 \times 8 \times 2 =$	1. 25% of 20 =	1. $\frac{34}{3} =$
2. $5^2 + 6^2 =$	2. $6 \times 6 \times 3 =$	2. 30% of 90 =	2. $\frac{26}{5} =$
3. $10^2 + 8^2 =$	3. $4 \times 4 \times 3 =$	3. 40% of 50 =	3. $\frac{65}{8} =$
4. $5^2 + 5^2 =$	4. $8 \times 5 \times 7 =$	4. 15% of 40 =	4. $\frac{13}{6} =$
5. $3^2 + 4^2 =$	5. $12 \times 5 \times 10 =$	5. 10% of 30 =	5. $\frac{29}{4} =$
6. $2^2 + 6^2 =$	6. $7 \times 3 \times 3 =$	6. 50% of 84 =	6. $\frac{7}{3} =$
7. $10^2 + 9^2 =$	7. $5 \times 2 \times 8 =$	7. 80% of 20 =	7. $\frac{22}{7} =$
8. $2^2 + 2^2 =$	8. $4 \times 8 \times 4 =$	8. 30% of 10 =	8. $\frac{13}{2} =$
9. $8^2 + 3^2 =$	9. $10 \times 9 \times 2 =$	9. 15% of 20 =	9. $\frac{25}{6} =$
10. $5^2 + 10^2 =$	10. $7 \times 7 \times 2 =$	10. 10% of 10 =	10. $\frac{28}{9} =$

Mental Maths

Find the average Monday

1. 6,15,9 = _____
2. 6,3,3,4 = _____
3. 11,7,3,4,5 = _____
4. 7,3,2 = _____
5. 10,20,30 = _____
6. 4,5,6 = _____
7. 18,18,18 = _____
8. 30,50,10 = _____
9. 4,11,3,2 = _____
10. 13,12,9,2 = _____

Algebra Tuesday

1. $3 + 4 \times \underline{\hspace{1cm}} = 39$
2. $6 + 5 \times \underline{\hspace{1cm}} = 61$
3. $18 + 7 \times \underline{\hspace{1cm}} = 46$
4. $13 + 9 \times \underline{\hspace{1cm}} = 103$
5. $21 + 4 \times \underline{\hspace{1cm}} = 27$
6. $4 \times 3 + 8 \times 8 = \underline{\hspace{1cm}}$
7. $9 \times 5 + 5 \times 7 = \underline{\hspace{1cm}}$
8. $10 \times 7 + 6 \times 4 = \underline{\hspace{1cm}}$
9. $4 \times 5 + 7 \times 5 = \underline{\hspace{1cm}}$
10. $8 \times 3 + 2 \times 8 = \underline{\hspace{1cm}}$

Adding decimals Wednesday

1. $18.2 + 14.5 = \underline{\hspace{1cm}}$
2. $7.7 + 4.5 = \underline{\hspace{1cm}}$
3. $5.6 + 11.4 = \underline{\hspace{1cm}}$
4. $6.8 + 41.5 = \underline{\hspace{1cm}}$
5. $7.7 + 1.9 = \underline{\hspace{1cm}}$
6. $17.7 + 8.2 = \underline{\hspace{1cm}}$
7. $21.3 + 18.2 = \underline{\hspace{1cm}}$
8. $11.3 + 62.3 = \underline{\hspace{1cm}}$
9. $5.4 + 13.8 = \underline{\hspace{1cm}}$
10. $4.7 + 6.4 = \underline{\hspace{1cm}}$

Ascending order Thursday

1. 0.3, 0.03, 3.3, 0.35

2. 4.4, 0.4, 4.45, 54.5

3. 2.1, 1.2, 1.02, 2.01

4. 0.55, 0.05, 0.15, 0.51

5. 7.1, 7.12, 7.01, 7.21

6. 3.01, 3.11, 3.31, 3.13

7. 6.81, 6.01, 6.8, 8.6

8. 4.31, 4.3, 4.4, 4.04

Preview

Mental Maths

Find the average Monday

1. 80,90,100 = ____

2. 10,30,50 = ____

3. 1,6,4,1 = ____

4. 10,10,1 = ____

5. 8,8,8,8 = ____

6. 12,14,16 = ____

7. 5,7,12 = ____

8. 3.5,3.5,3.5 = ____

9. 40,60 = ____

10. 2,7,8,3 = ____

Algebra Tuesday

1. $9 + 6 \times \underline{\hspace{1cm}} = 39$

2. $11 + 8 \times \underline{\hspace{1cm}} = 46$

3. $15 + 5 \times \underline{\hspace{1cm}} = 60$

4. $12 + 10 \times \underline{\hspace{1cm}} = 72$

5. $8 + 3 \times \underline{\hspace{1cm}} = 25$

6. $5 \times 7 + 5 \times 10 = \underline{\hspace{1cm}}$

7. $8 \times 4 + 2 \times 4 = \underline{\hspace{1cm}}$

8. $12 \times 3 + 4 \times 4 = \underline{\hspace{1cm}}$

9. $7 \times 7 + 10 \times 5 = \underline{\hspace{1cm}}$

10. $9 \times 3 + 11 \times 3 = \underline{\hspace{1cm}}$

Adding decimals Wednesday

1. $6.5 + 12.9 = \underline{\hspace{1cm}}$

2. $4.8 + 6.7 = \underline{\hspace{1cm}}$

3. $12.7 + 8.6 = \underline{\hspace{1cm}}$

4. $7.6 + 18.1 = \underline{\hspace{1cm}}$

5. $21.9 + 8.1 = \underline{\hspace{1cm}}$

6. $13.5 + 9.6 = \underline{\hspace{1cm}}$

7. $31.4 + 18.8 = \underline{\hspace{1cm}}$

8. $12.4 + 4.8 = \underline{\hspace{1cm}}$

9. $5.6 + 12.7 = \underline{\hspace{1cm}}$

10. $2.3 + 7.4 = \underline{\hspace{1cm}}$

Ascending order Thursday

1. 21.2, 21.02, 21.23

2. 9.9, 9.09, 8.9, 9.8

3. 0.03, 0.3, 0.33, 0.35

4. 3.2, 2.3, 2.03, 3.02

5. 6.7, 7.06, 6.07, 7.2

6. 4.4, 3.04, 4.04, 3.4

7. 2.1, 2.15, 2.01, 2.51

8. 4.4, 4.44, 4.04, 8.4

Preview

Mental Maths

Find the average Monday

1. 6.2, 6.3, 6.4 = ____

2. 7, 13, 10 = ____

3. 2, 11, 20, 3 = ____

4. 30, 40, 50 = ____

5. 7, 7, 7, 7 = ____

6. 18, 12 = ____

7. 4, 2, 3 = ____

8. 5, 7, 9 = ____

9. 30, 70 = ____

10. 3, 12, 15 = ____

Algebra Tuesday

1. $15 + 11 \times \underline{\hspace{1cm}} = 70$

2. $25 \div 6 \times \underline{\hspace{1cm}} = 49$

3. $40 + 12 \times \underline{\hspace{1cm}} = 100$

4. $8 + 8 \times \underline{\hspace{1cm}} = 40$

5. $30 \div 9 \times \underline{\hspace{1cm}} = 120$

6. $3 \times 12 + 3 \times 8 = \underline{\hspace{1cm}}$

7. $12 \times 7 + 2 \times 8 = \underline{\hspace{1cm}}$

8. $9 \times 9 + 6 \times 5 = \underline{\hspace{1cm}}$

9. $4 \times 6 + 3 \times 4 = \underline{\hspace{1cm}}$

10. $11 \times 3 + 9 \times 2 = \underline{\hspace{1cm}}$

Adding decimals Wednesday

1. $17.2 + 18.5 = \underline{\hspace{1cm}}$

2. $12.6 + 12.8 = \underline{\hspace{1cm}}$

3. $21.9 + 7.8 = \underline{\hspace{1cm}}$

4. $3.6 + 19.9 = \underline{\hspace{1cm}}$

5. $20.6 + 11.4 = \underline{\hspace{1cm}}$

6. $14.7 + 7.7 = \underline{\hspace{1cm}}$

7. $23.6 + 14.5 = \underline{\hspace{1cm}}$

8. $9.4 + 9.4 = \underline{\hspace{1cm}}$

9. $3.3 + 12.8 = \underline{\hspace{1cm}}$

10. $11.4 + 6.3 = \underline{\hspace{1cm}}$

Ascending order Thursday

1. 9.1, 1.9, 9.01, 9.11

2. 6.22, 6.02, 6.2, 2.6

3. 8.8, 8.88, 8.08, 8.0

4. 5.1, 1.5, 1.05, 1.55

5. 3.2, 2.03, 3.02, 2.3

6. 9.4, 4.09, 4.54, 9.04

7. 2.01, 2.11, 2.21, 3.1

8. 7.6, 6.7, 7.07, 7.77

Preview

Mental Maths

Find the average Monday

1. 20,40,60 = ____

2. 7,13,11,9 = ____

3. 8,3,1 = ____

4. 12,12,12 = ____

5. 1.5,1.6,1.7 = ____

6. 18,22 = ____

7. 5,5,10,1,9 = ____

8. 6,10 = ____

9. 3,6,9 = ____

10. 12,8,20,8 = ____

Algebra Tuesday

1. $32 + 6 \times \underline{\hspace{1cm}} = 50$

2. $44 \div 2 \times \underline{\hspace{1cm}} = 60$

3. $26 + 3 \times \underline{\hspace{1cm}} = 50$

4. $16 \div 11 \times \underline{\hspace{1cm}} = 60$

5. $12 \div 12 \times \underline{\hspace{1cm}} = 48$

6. $8 \times 8 + 10 \times 5 = \underline{\hspace{1cm}}$

7. $3 \times 5 + 25 \times 2 = \underline{\hspace{1cm}}$

8. $7 \times 4 + 6 \times 2 = \underline{\hspace{1cm}}$

9. $5 \times 4 + 7 \times 4 = \underline{\hspace{1cm}}$

10. $9 \times 5 + 9 \times 5 = \underline{\hspace{1cm}}$

Adding decimals Wednesday

1. $6.8 + 6.8 = \underline{\hspace{1cm}}$

2. $16.5 + 22.7 = \underline{\hspace{1cm}}$

3. $36.4 + 9.3 = \underline{\hspace{1cm}}$

4. $4.1 + 27.5 = \underline{\hspace{1cm}}$

5. $31.7 + 12.8 = \underline{\hspace{1cm}}$

6. $15.5 + 8.2 = \underline{\hspace{1cm}}$

7. $61.4 + 12.9 = \underline{\hspace{1cm}}$

8. $4.5 + 11.2 = \underline{\hspace{1cm}}$

9. $3.9 + 3.9 = \underline{\hspace{1cm}}$

10. $10.4 + 11.5 = \underline{\hspace{1cm}}$

Ascending order Thursday

1. 3.98, 3.89, 3.09, 3.99

2. 4.51, 4.15, 0.4, 4.44

3. 3.78, 3.87, 3.77, 3.67

4. 6.04, 6.44, 6.46, 6.41

5. 9.1, 9.99, 9.09, 9.9

6. 3.05, 3.55, 5.3, 3.5

7. 1.89, 1.09, 1.9, 1.98

8. 2.1, 1.2, 1.02, 1.01

Preview

Mental Maths

Find the average Monday

1. 14,8 = ____

2. 11,11,11,11 = ____

3. 8,9,10 = ____

4. 6,8,10 = ____

5. 3,11,10 = ____

6. 80,40 = ____

7. 17,13,3 = ____

8. 11,13,15 = ____

9. 8,28 = ____

10. 1.2,1.3,1.4 = ____

Algebra Tuesday

1. $15 + 10 \times \underline{\hspace{1cm}} = 65$

2. $26 + 4 \times \underline{\hspace{1cm}} = 38$

3. $20 + 9 \times \underline{\hspace{1cm}} = 101$

4. $65 + 4 \times \underline{\hspace{1cm}} = 85$

5. $10 + 12 \times \underline{\hspace{1cm}} = 154$

6. $9 \times 11 + 6 \times 6 = \underline{\hspace{1cm}}$

7. $4 \times 11 + 10 \times 6 = \underline{\hspace{1cm}}$

8. $9 \times 4 + 8 \times 2 = \underline{\hspace{1cm}}$

9. $7 \times 4 + 3 \times 3 = \underline{\hspace{1cm}}$

10. $11 \times 5 + 6 \times 5 = \underline{\hspace{1cm}}$

Adding decimals Wednesday

1. $13.6 + 9.5 = \underline{\hspace{1cm}}$

2. $23.7 + 8.2 = \underline{\hspace{1cm}}$

3. $16.3 + 9.9 = \underline{\hspace{1cm}}$

4. $10.3 + 6.8 = \underline{\hspace{1cm}}$

5. $30.1 + 2.8 = \underline{\hspace{1cm}}$

6. $12.7 + 8.6 = \underline{\hspace{1cm}}$

7. $74.8 + 10.5 = \underline{\hspace{1cm}}$

8. $5.4 + 4.5 = \underline{\hspace{1cm}}$

9. $6.1 + 6.1 = \underline{\hspace{1cm}}$

10. $28.1 + 22.1 = \underline{\hspace{1cm}}$

Ascending order Thursday

1. 8.5, 8.05, 8.28, 2.84

2. 3.93, 3.39, 3.09, 3.33

3. 1.01, 1.1, 1.21, 1.12

4. 7.6, 7.66, 7.06, 6.7

5. 6.61, 6.06, 6.62, 2.3

6. 0.04, 0.44, 0.4, 0.54

7. 8.88, 8.08, 8.9, 0.8

8. 3.1, 1.3, 3.03, 1.03

Preview

Mental Maths

Square & Add Monday

1. $5^2 + 2^2 =$ _____

2. $3^2 + 9^2 =$ _____

3. $6^2 + 6^2 =$ _____

4. $5^2 + 5^2 =$ _____

5. $12^2 + 2^2 =$ _____

6. $10^2 + 7^2 =$ _____

7. $8^2 + 3^2 =$ _____

8. $7^2 + 7^2 =$ _____

9. $5^2 + 5^2 =$ _____

10. $6^2 + 4^2 =$ _____

Multiply Tuesday

1. $8 \times 3 \times 2 =$ _____

2. $4 \times 5 \times 5 =$ _____

3. $7 \times 4 \times 2 =$ _____

4. $9 \times 3 \times 3 =$ _____

5. $10 \times 5 \times 5 =$ _____

6. $6 \times 7 \times 2 =$ _____

7. $3 \times 4 \times 12 =$ _____

8. $2 \times 9 \times 3 =$ _____

9. $12 \times 10 \times 2 =$ _____

10. $7 \times 5 \times 3 =$ _____

Percentages Wednesday

1. 25% of 40 = _____

2. 40% of 70 = _____

3. 10% of 85 = _____

4. 20% of 30 = _____

5. 60% of 50 = _____

6. 20% of 40 = _____

7. 25% of 60 = _____

8. 15% of 20 = _____

9. 20% of 80 = _____

10. 40% of 10 = _____

Improper to mixed Thursday

1. $\frac{12}{5} =$ _____

2. $\frac{14}{3} =$ _____

3. $\frac{17}{8} =$ _____

4. $\frac{25}{4} =$ _____

5. $\frac{35}{8} =$ _____

6. $\frac{21}{5} =$ _____

7. $\frac{43}{6} =$ _____

8. $\frac{50}{7} =$ _____

9. $\frac{11}{5} =$ _____

10. $\frac{29}{9} =$ _____

Preview

Mental Maths

Square & Add Monday

1. $4^2 + 4^2 =$ _____

2. $8^2 + 2^2 =$ _____

3. $5^2 + 10^2 =$ _____

4. $12^2 + 12^2 =$ _____

5. $10^2 + 9^2 =$ _____

6. $3^2 + 3^2 =$ _____

7. $5^2 + 4^2 =$ _____

8. $10^2 + 6^2 =$ _____

9. $2^2 + 2^2 =$ _____

10. $7^2 + 3^2 =$ _____

Multiply Tuesday

1. $9 \times 5 \times 2 =$ _____

2. $7 \times 3 \times 3 =$ _____

3. $2 \times 10 \times 10 =$ _____

4. $8 \times 5 \times 5 =$ _____

5. $6 \times 3 \times 2 =$ _____

6. $10 \times 6 \times 2 =$ _____

7. $2 \times 2 \times 2 =$ _____

8. $12 \times 5 \times 3 =$ _____

9. $8 \times 3 \times 2 =$ _____

10. $6 \times 6 \times 3 =$ _____

Percentages Wednesday

1. 10% of 80 = _____

2. 70% of 70 = _____

3. 30% of 70 = _____

4. 50% of 42 = _____

5. 25% of 60 = _____

6. 15% of 30 = _____

7. 45% of 80 = _____

8. 30% of 20 = _____

9. 20% of 90 = _____

10. 60% of 10 = _____

Improper to mixed Thursday

1. $\frac{45}{8} =$ _____

2. $\frac{27}{6} =$ _____

3. $\frac{38}{5} =$ _____

4. $\frac{18}{4} =$ _____

5. $\frac{55}{6} =$ _____

6. $\frac{19}{3} =$ _____

7. $\frac{36}{7} =$ _____

8. $\frac{21}{4} =$ _____

9. $\frac{26}{3} =$ _____

10. $\frac{29}{12} =$ _____

Preview

Mental Maths

Square & Add Monday

1. $5^2 + 10^2 =$ _____

2. $7^2 + 2^2 =$ _____

3. $8^2 + 5^2 =$ _____

4. $9^2 + 3^2 =$ _____

5. $6^2 + 6^2 =$ _____

6. $2^2 + 11^2 =$ _____

7. $10^2 + 10^2 =$ _____

8. $5^2 + 4^2 =$ _____

9. $3^2 + 4^2 =$ _____

10. $6^2 + 3^2 =$ _____

Multiply Tuesday

1. $5 \times 5 \times 5 =$ _____

2. $12 \times 2 \times 2 =$ _____

3. $7 \times 5 \times 2 =$ _____

4. $10 \times 10 \times 8 =$ _____

5. $6 \times 2 \times 9 =$ _____

6. $9 \times 4 \times 2 =$ _____

7. $3 \times 4 \times 6 =$ _____

8. $11 \times 6 \times 2 =$ _____

9. $4 \times 4 \times 4 =$ _____

10. $8 \times 3 \times 2 =$ _____

Percentages Wednesday

1. 25% of 20 = _____

2. 45% of 60 = _____

3. 10% of 30 = _____

4. 40% of 90 = _____

5. 35% of 20 = _____

6. 20% of 90 = _____

7. 50% of 66 = _____

8. 80% of 40 = _____

9. 20% of 80 = _____

10. 60% of 10 = _____

Improper to mixed Thursday

1. $\frac{22}{6} =$ _____

2. $\frac{25}{7} =$ _____

3. $\frac{49}{12} =$ _____

4. $\frac{13}{4} =$ _____

5. $\frac{15}{6} =$ _____

6. $\frac{35}{4} =$ _____

7. $\frac{16}{7} =$ _____

8. $\frac{19}{3} =$ _____

9. $\frac{40}{6} =$ _____

10. $\frac{40}{12} =$ _____

Preview

Mental Maths

Square & Add Monday

1. $8^2 + 3^2 =$ _____

2. $5^2 + 12^2 =$ _____

3. $6^2 + 5^2 =$ _____

4. $4^2 + 3^2 =$ _____

5. $9^2 + 4^2 =$ _____

6. $2^2 + 12^2 =$ _____

7. $9^2 + 9^2 =$ _____

8. $4^2 + 4^2 =$ _____

9. $5^2 + 10^2 =$ _____

10. $4^2 + 7^2 =$ _____

Multiply Tuesday

1. $8 \times 2 \times 10 =$ _____

2. $4 \times 9 \times 10 =$ _____

3. $8 \times 8 \times 10 =$ _____

4. $6 \times 7 \times 10 =$ _____

5. $12 \times 12 \times 10 =$ _____

6. $8 \times 4 \times 10 =$ _____

7. $9 \times 5 \times 10 =$ _____

8. $3 \times 8 \times 10 =$ _____

9. $11 \times 11 \times 10 =$ _____

10. $6 \times 8 \times 10 =$ _____

Percentages Wednesday

1. 60% of 90 = _____

2. 35% of 40 = _____

3. 20% of 35 = _____

4. 50% of 96 = _____

5. 70% of 70 = _____

6. 25% of 40 = _____

7. 55% of 20 = _____

8. 30% of 10 = _____

9. 20% of 45 = _____

10. 10% of 10 = _____

Improper to mixed Thursday

1. $\frac{27}{5} =$ _____

2. $\frac{31}{3} =$ _____

3. $\frac{17}{8} =$ _____

4. $\frac{10}{3} =$ _____

5. $\frac{41}{10} =$ _____

6. $\frac{25}{4} =$ _____

7. $\frac{17}{7} =$ _____

8. $\frac{33}{8} =$ _____

9. $\frac{37}{6} =$ _____

10. $\frac{40}{7} =$ _____

Preview

Week
10

Mental Maths

Square & Add Monday

1. $7^2 + 2^2 =$ _____

2. $5^2 + 6^2 =$ _____

3. $10^2 + 8^2 =$ _____

4. $5^2 + 5^2 =$ _____

5. $3^2 + 4^2 =$ _____

6. $2^2 + 6^2 =$ _____

7. $10^2 + 9^2 =$ _____

8. $2^2 + 2^2 =$ _____

9. $8^2 + 3^2 =$ _____

10. $5^2 + 10^2 =$ _____

Multiply Tuesday

1. $5 \times 8 \times 2 =$ _____

2. $6 \times 6 \times 3 =$ _____

3. $4 \times 4 \times 3 =$ _____

4. $8 \times 5 \times 7 =$ _____

5. $12 \times 5 \times 10 =$ _____

6. $7 \times 3 \times 3 =$ _____

7. $5 \times 2 \times 8 =$ _____

8. $4 \times 8 \times 4 =$ _____

9. $10 \times 9 \times 2 =$ _____

10. $7 \times 7 \times 2 =$ _____

Percentages Wednesday

1. 25% of 20 = _____

2. 30% of 70 = _____

3. 40% of 50 = _____

4. 15% of 40 = _____

5. 10% of 30 = _____

6. 50% of 84 = _____

7. 80% of 20 = _____

8. 30% of 10 = _____

9. 15% of 20 = _____

10. 10% of 10 = _____

Improper to mixed Thursday

1. $\frac{34}{3} =$ _____

2. $\frac{26}{5} =$ _____

3. $\frac{65}{8} =$ _____

4. $\frac{13}{6} =$ _____

5. $\frac{29}{4} =$ _____

6. $\frac{7}{3} =$ _____

7. $\frac{22}{7} =$ _____

8. $\frac{13}{2} =$ _____

9. $\frac{25}{6} =$ _____

10. $\frac{28}{9} =$ _____

Preview

Mental Maths

Find the average

1. 6,15,9 = 10
2. 6,3,3,4 = 4
3. 11,7,3,4,5 = 6
4. 7,3,2 = 4
5. 10,20,30 = 20
6. 4,5,6 = 5
7. 18,18,18 = 18
8. 30,50,10 = 30
9. 4,11,3,2 = 5
10. 13,12,9,2 = 9

Algebra

1. $3 + 4 \times 9 = 39$
2. $6 + 5 \times 11 = 61$
3. $18 + 7 \times 4 = 46$
4. $13 + 9 \times 10 = 103$
5. $21 + 4 \times 4 = 27$
6. $4 \times 3 + 8 \times 8 = 76$
7. $9 \times 5 + 5 \times 7 = 80$
8. $10 \times 7 + 6 \times 4 = 94$
9. $4 \times 5 + 7 \times 5 = 55$
10. $8 \times 3 + 2 \times 8 = 40$

Adding decimals

1. $18.2 + 14.5 = 32.7$
2. $9.7 + 4.5 = 14.2$
3. $5.6 + 11.4 = 17$
4. $6.8 + 41.5 = 48.3$
5. $7.2 + 1.9 = 9.1$
6. $17.7 + 8.2 = 25.9$
7. $21.3 + 18.2 = 39.5$
8. $11.3 + 62.3 = 73.6$
9. $5.4 + 13.8 = 19.2$
10. $4.7 + 6.4 = 11.1$

Ordering decimals Ascending

1. 0.3, 0.03, 3.3, 0.35
0.03, 0.3, 0.35, 3.3
2. 4.4, 0.4, 4.45, 54.5
0.4, 4.44, 4.5, 54.5
3. 2.1, 1.2, 1.02, 2.01
1.02, 1.2, 2.01, 2.1
4. 0.55, 0.05, 0.15, 0.51
0.05, 0.15, 0.51, 0.55
5. 7.1, 7.12, 7.01, 7.21
7.01, 7.1, 7.12, 7.21
6. 3.01, 3.11, 3.31, 3.13
3.01, 3.11, 3.13, 3.31
7. 6.81, 6.01, 6.8, 8.6
6.01, 6.8, 6.81, 8.6
8. 4.31, 4.3, 4.4, 4.04
4.04, 4.3, 4.31, 4.4

Preview

Mental Maths

Find the average

1. 80,90,100 = 90

2. 10,30,50 = 30

3. 1,6,4,1 = 3

4. 10,10,1 = 7

5. 8,8,8,8 = 8

6. 12,14,16 = 14

7. 5,7,12 = 8

8. 3.5,3.5,3.5 = 3.5

9. 40,60 = 50

10. 2,7,8,3 = 5

Algebra

1. $9 + 6 \times 5 = 39$

2. $14 + 8 \times 4 = 46$

3. $15 + 5 \times 9 = 60$

4. $12 + 10 \times 6 = 72$

5. $8 + 3 \times 9 = 35$

6. $5 \times 7 + 5 \times 10 = 85$

7. $8 \times 4 + 2 \times 4 = 40$

8. $12 \times 3 + 4 \times 4 = 52$

9. $7 \times 7 + 10 \times 5 = 99$

10. $9 \times 3 + 11 \times 3 = 60$

Adding decimals

1. $6.5 + 12.9 = 19.4$

2. $4.8 + 6.7 = 11.5$

3. $12.7 + 8.6 = 21.3$

4. $7.6 + 18.1 = 25.7$

5. $2.9 + 8.9 = 10.8$

6. $13.5 + 9.6 = 23.1$

7. $31.4 + 18.8 = 50.2$

8. $12.4 + 4.8 = 17.2$

9. $5.6 + 12.7 = 18.3$

10. $2.3 + 7.4 = 9.7$

Ordering decimals Descending

1. 21.2, 21.02, 21.23
21.23, 21.2, 21.02

2. 9.9, 9.09, 8.9, 9.8
9.9, 9.8, 9.09, 8.9

3. 0.03, 0.3, 0.33, 0.35
0.35, 0.33, 0.3, 0.03

4. 3.2, 2.3, 2.03, 3.02
3.2, 3.02, 2.3, 2.03

5. 6.7, 7.06, 6.07, 7.2
7.2, 7.06, 6.7, 6.07

6. 4.4, 3.04, 4.04, 3.4
4.4, 4.04, 3.4, 3.04

7. 2.1, 2.15, 2.01, 2.51
2.51, 2.15, 2.1, 2.01

8. 4.4, 4.44, 4.04, 8.4
8.4, 4.44, 4.4, 4.04

Preview

Mental Maths

Find the average

Algebra

Adding decimals

Ordering decimals Ascending

1. 6.2, 6.3, 6.4 = 6.3

2. 7, 13, 10 = 10

3. 2, 11, 20, 3 = 9

4. 30, 40, 50 = 40

5. 7, 7, 7, 7 = 7

6. 18, 12 = 15

7. 4, 2, 3 = 3

8. 5, 7, 9 = 7

9. 30, 70 = 50

10. 3, 12, 15 = 10

1. $15 + 11 \times 5 = 70$

2. $25 + 6 \times 4 = 49$

3. $40 + 12 \times 5 = 100$

4. $8 + 8 \times 4 = 40$

5. $30 \div 3 \times 10 = 100$

6. $3 \times 12 + 3 \times 8 = 60$

7. $12 \times 7 + 2 \times 8 = 100$

8. $9 \times 9 + 6 \times 5 = 111$

9. $4 \times 6 + 3 \times 4 = 36$

10. $11 \times 3 + 9 \times 2 = 51$

1. $17.2 + 18.5 = 35.7$

2. $12.6 + 12.8 = 25.4$

3. $21.9 + 7.8 = 29.7$

4. $3.6 + 19.9 = 23.5$

5. $21.6 + 1.4 = 32$

6. $14.7 + 7.7 = 22.4$

7. $23.6 + 14.5 = 38.1$

8. $9.4 + 9.4 = 18.8$

9. $3.3 + 12.8 = 16.1$

10. $11.4 + 6.3 = 17.7$

1. 9.1, 1.9, 9.01, 9.11
1.9, 9.01, 9.1, 9.11

2. 6.22, 6.02, 6.2, 2.6
2.6, 6.02, 6.2, 6.22

3. 8.8, 8.88, 8.08, 8.0
8.0, 8.08, 8.8, 8.88

4. 5.1, 1.5, 1.05, 1.55
1.05, 1.5, 1.55, 5.1

5. 3.2, 2.03, 3.02, 2.3
2.03, 2.3, 3.02, 3.2

6. 9.4, 4.09, 4.54, 9.04
4.09, 4.54, 9.04, 9.4

7. 2.01, 2.11, 2.21, 3.1
2.01, 2.11, 2.21, 3.1

8. 7.6, 6.7, 7.07, 7.77
6.7, 7.07, 7.6, 7.77

Preview

Mental Maths

Find the average

1. 20,40,60 = 40

2. 7,13,11,9 = 10

3. 8,3,1 = 4

4. 12,12,12 = 12

5. 1.5,1.6,1.7 = 1.6

6. 18,22 = 20

7. 5,5,10,1,9 = 6

8. 6,10 = 8

9. 3,6,9 = 6

10. 12,8,20,8 = 12

Algebra

1. $32 + 6 \times 3 = 50$

2. $44 + 2 \times 8 = 60$

3. $26 + 3 \times 8 = 50$

4. $16 + 11 \times 4 = 60$

5. $12 + 12 \times 3 = 48$

6. $8 \times 8 + 10 \times 5 = 114$

7. $3 \times 5 + 25 \times 2 = 65$

8. $7 \times 4 + 6 \times 2 = 40$

9. $5 \times 4 + 7 \times 4 = 48$

10. $9 \times 5 + 9 \times 5 = 90$

Adding decimals

1. $6.8 + 6.8 = 13.6$

2. $16.5 + 22.7 = 39.2$

3. $36.4 + 9.3 = 45.7$

4. $4.1 + 27.5 = 31.6$

5. $3.9 + 10.8 = 14.7$

6. $15.5 + 8.2 = 23.7$

7. $61.4 + 12.9 = 74.3$

8. $4.5 + 11.2 = 15.7$

9. $3.9 + 3.9 = 7.8$

10. $10.4 + 11.5 = 21.9$

Ordering decimals Descending

1. 3.98, 3.89, 3.09, 3.99
3.99, 3.98, 3.89, 3.09

2. 4.51, 4.15, 0.4, 4.44
4.51, 4.44, 4.15, 0.4

3. 3.78, 3.87, 3.77, 3.67
3.87, 3.78, 3.77, 3.67

4. 6.04, 6.44, 6.46, 6.41
6.46, 6.44, 6.41, 6.04

5. 9.1, 9.99, 9.09, 9.9
9.99, 9.9, 9.1, 9.09

6. 3.05, 3.55, 5.3, 3.5
5.3, 3.55, 3.5, 3.05

7. 1.89, 1.09, 1.9, 1.98
1.98, 1.89, 1.9, 1.09

8. 2.1, 1.2, 1.02, 1.01
2.1, 1.2, 1.02, 1.01

Preview

Mental Maths

Find the average

Algebra

Adding decimals

Ordering decimals Ascending

1. $14,8 = 11$

2. $11,11,11,11 = 11$

3. $8,9,10 = 9$

4. $6,8,10 = 8$

5. $3,11,10 = 8$

6. $80,40 = 60$

7. $17,13,3 = 11$

8. $11,13,15 = 13$

9. $8,28 = 18$

10. $1.2,1.3,1.4 = 1.3$

1. $15 + 10 \times 5 = 65$

2. $26 + 4 \times 3 = 38$

3. $20 + 9 \times 9 = 101$

4. $65 + 4 \times 5 = 85$

5. $10 + 12 \times 12 = 154$

6. $9 \times 11 + 6 \times 6 = 135$

7. $4 \times 11 + 10 \times 6 = 104$

8. $9 \times 4 + 8 \times 2 = 52$

9. $7 \times 4 + 3 \times 3 = 37$

10. $11 \times 5 + 6 \times 5 = 85$

1. $13.6 + 9.5 = 23.1$

2. $23.7 + 8.2 = 31.9$

3. $16.3 + 9.9 = 26.2$

4. $10.3 + 6.8 = 17.1$

5. $3.1 + 21.5 = 24.6$

6. $12.7 + 8.6 = 21.3$

7. $74.8 + 10.5 = 85.3$

8. $5.4 + 4.5 = 9.9$

9. $6.1 + 6.1 = 12.2$

10. $28.1 + 22.1 = 50.2$

1. 8.5, 8.05, 8.28, 2.84
2.84, 8.05, 8.28, 8.5

2. 3.93, 3.39, 3.09, 3.33
3.09, 3.33, 3.39, 3.93

3. 1.01, 1.1, 1.21, 1.12
1.01, 1.1, 1.12, 1.21

4. 7.6, 7.66, 7.06, 6.7
6.7, 7.06, 7.6, 7.66

5. 6.61, 6.06, 6.62, 2.3
2.3, 6.06, 6.61, 6.62

6. 0.04, 0.44, 0.4, 0.54
0.04, 0.4, 0.44, 0.54

7. 8.88, 8.08, 8.9, 0.8
0.8, 8.08, 8.88, 8.9

8. 3.1, 1.3, 3.03, 1.03
1.03, 1.3, 3.03, 3.1

Preview

Mental Maths

Square & Add

1. $5^2 + 2^2 = 29$

2. $3^2 + 9^2 = 90$

3. $6^2 + 6^2 = 72$

4. $5^2 + 5^2 = 50$

5. $12^2 + 2^2 = 148$

6. $10^2 + 7^2 = 149$

7. $8^2 + 3^2 = 73$

8. $7^2 + 7^2 = 98$

9. $5^2 + 5^2 = 50$

10. $6^2 + 4^2 = 52$

Multiply

1. $8 \times 3 \times 2 = 24$

2. $4 \times 5 \times 5 = 100$

3. $7 \times 4 \times 2 = 56$

4. $9 \times 3 \times 3 = 81$

5. $10 \times 5 \times 5 = 250$

6. $6 \times 7 \times 2 = 84$

7. $3 \times 4 \times 12 = 144$

8. $2 \times 9 \times 3 = 54$

9. $12 \times 10 \times 2 = 240$

10. $7 \times 5 \times 3 = 105$

Percentages

1. 25% of 40 = 10

2. 40% of 90 = 36

3. 10% of 85 = 8.5

4. 30% of 30 = 9

5. 50% of 50 = 25

6. 20% of 40 = 8

7. 25% of 60 = 15

8. 15% of 20 = 3

9. 20% of 80 = 16

10. 40% of 10 = 4

Improper to mixed

1. $\frac{12}{5} = 2 \frac{2}{5}$

2. $\frac{14}{3} = 4 \frac{2}{3}$

3. $\frac{17}{8} = 2 \frac{1}{8}$

4. $\frac{25}{4} = 6 \frac{1}{4}$

5. $\frac{35}{8} = 4 \frac{3}{8}$

6. $\frac{21}{5} = 4 \frac{1}{5}$

7. $\frac{43}{6} = 7 \frac{1}{6}$

8. $\frac{50}{7} = 7 \frac{1}{7}$

9. $\frac{11}{5} = 2 \frac{1}{5}$

10. $\frac{29}{9} = 3 \frac{2}{9}$

Preview

Mental Maths

Square & Add

1. $4^2 + 4^2 = 32$

2. $8^2 + 2^2 = 68$

3. $5^2 + 10^2 = 125$

4. $12^2 + 12^2 = 288$

5. $10^2 + 9^2 = 181$

6. $3^2 + 3^2 = 18$

7. $5^2 + 4^2 = 41$

8. $10^2 + 6^2 = 136$

9. $2^2 + 2^2 = 8$

10. $7^2 + 3^2 = 58$

Multiply

1. $9 \times 5 \times 2 = 90$

2. $7 \times 3 \times 3 = 63$

3. $2 \times 10 \times 10 = 200$

4. $8 \times 5 \times 5 = 200$

5. $6 \times 3 \times 2 = 36$

6. $10 \times 6 \times 2 = 120$

7. $2 \times 2 \times 2 = 8$

8. $12 \times 5 \times 3 = 180$

9. $8 \times 3 \times 2 = 48$

10. $6 \times 6 \times 3 = 108$

Percentages

1. 10% of 80 = 8

2. 90% of 90 = 81

3. 30% of 70 = 21

4. 50% of 42 = 21

5. 25% of 60 = 15

6. 15% of 30 = 4.5

7. 45% of 80 = 36

8. 30% of 20 = 6

9. 20% of 90 = 18

10. 60% of 10 = 6

Improper to mixed

1. $\frac{45}{8} = 5 \frac{5}{8}$

2. $\frac{27}{6} = 4 \frac{1}{2}$

3. $\frac{38}{5} = 7 \frac{3}{5}$

4. $\frac{18}{4} = 4 \frac{1}{2}$

5. $\frac{55}{6} = 9 \frac{1}{6}$

6. $\frac{19}{3} = 6 \frac{1}{3}$

7. $\frac{36}{7} = 5 \frac{1}{7}$

8. $\frac{21}{4} = 5 \frac{1}{4}$

9. $\frac{26}{3} = 8 \frac{2}{3}$

10. $\frac{29}{12} = 2 \frac{5}{12}$

Preview

Mental Maths

Square & Add

1. $5^2 + 10^2 = 125$

2. $7^2 + 2^2 = 53$

3. $8^2 + 5^2 = 89$

4. $9^2 + 3^2 = 90$

5. $6^2 + 6^2 = 72$

6. $2^2 + 11^2 = 125$

7. $10^2 + 10^2 = 200$

8. $5^2 + 4^2 = 41$

9. $3^2 + 4^2 = 25$

10. $6^2 + 3^2 = 45$

Multiply

1. $5 \times 5 \times 5 = 125$

2. $12 \times 2 \times 2 = 48$

3. $7 \times 5 \times 2 = 70$

4. $10 \times 10 \times 8 = 800$

5. $6 \times 2 \times 9 = 108$

6. $9 \times 4 \times 2 = 72$

7. $3 \times 4 \times 6 = 72$

8. $11 \times 6 \times 2 = 132$

9. $4 \times 4 \times 4 = 64$

10. $8 \times 3 \times 2 = 48$

Percentages

1. 25% of 20 = 5

2. 45% of 60 = 27

3. 10% of 30 = 3

4. 40% of 90 = 36

5. 35% of 20 = 7

6. 20% of 90 = 18

7. 50% of 66 = 33

8. 80% of 40 = 32

9. 20% of 80 = 16

10. 60% of 10 = 6

Improper to mixed

1. $\frac{22}{6} = 3 \frac{2}{3}$

2. $\frac{25}{7} = 3 \frac{4}{7}$

3. $\frac{49}{12} = 4 \frac{1}{12}$

4. $\frac{13}{4} = 3 \frac{1}{4}$

5. $\frac{15}{6} = 2 \frac{1}{2}$

6. $\frac{35}{4} = 8 \frac{3}{4}$

7. $\frac{16}{7} = 2 \frac{2}{7}$

8. $\frac{19}{3} = 6 \frac{1}{3}$

9. $\frac{40}{6} = 6 \frac{2}{3}$

10. $\frac{40}{12} = 3 \frac{1}{3}$

Preview

Mental Maths

Square & Add

1. $8^2 + 3^2 = 73$

2. $5^2 + 12^2 = 169$

3. $6^2 + 5^2 = 61$

4. $4^2 + 3^2 = 25$

5. $9^2 + 4^2 = 97$

6. $2^2 + 12^2 = 148$

7. $9^2 + 9^2 = 162$

8. $4^2 + 4^2 = 32$

9. $5^2 + 10^2 = 125$

10. $4^2 + 7^2 = 65$

Multiply

1. $8 \times 2 \times 10 = 160$

2. $4 \times 9 \times 10 = 360$

3. $8 \times 8 \times 10 = 680$

4. $6 \times 9 \times 10 = 540$

5. $12 \times 2 \times 10 = 240$

6. $8 \times 4 \times 10 = 320$

7. $9 \times 5 \times 10 = 450$

8. $3 \times 8 \times 10 = 240$

9. $11 \times 11 \times 10 = 1210$

10. $6 \times 8 \times 10 = 480$

Percentages

1. 60% of 90 = 54

2. 35% of 40 = 14

3. 20% of 35 = 7

4. 50% of 96 = 48

5. 10% of 10 = 1

6. 25% of 40 = 10

7. 55% of 20 = 11

8. 30% of 10 = 3

9. 20% of 45 = 9

10. 10% of 10 = 1

Improper to mixed

1. $\frac{27}{5} = 5 \frac{2}{5}$

2. $\frac{31}{3} = 10 \frac{1}{3}$

3. $\frac{17}{8} = 2 \frac{1}{8}$

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

5. $\frac{41}{10} = 4 \frac{1}{10}$

6. $\frac{25}{4} = 6 \frac{1}{4}$

7. $\frac{17}{7} = 2 \frac{3}{7}$

8. $\frac{33}{8} = 4 \frac{1}{8}$

9. $\frac{37}{6} = 6 \frac{1}{6}$

10. $\frac{40}{7} = 5 \frac{5}{7}$

Preview

Mental Maths

Square & Add

1. $7^2 + 2^2 = 53$

2. $5^2 + 6^2 = 61$

3. $10^2 + 8^2 = 164$

4. $5^2 + 5^2 = 50$

5. $3^2 + 4^2 = 25$

6. $2^2 + 6^2 = 40$

7. $10^2 + 9^2 = 181$

8. $2^2 + 2^2 = 8$

9. $8^2 + 3^2 = 73$

10. $5^2 + 10^2 = 125$

Multiply

1. $5 \times 8 \times 2 = 80$

2. $6 \times 6 \times 3 = 108$

3. $4 \times 4 \times 3 = 48$

4. $8 \times 5 \times 7 = 280$

5. $12 \times 5 \times 10 = 600$

6. $7 \times 3 \times 3 = 63$

7. $5 \times 2 \times 8 = 80$

8. $4 \times 8 \times 4 = 128$

9. $10 \times 9 \times 2 = 180$

10. $7 \times 7 \times 2 = 98$

Percentages

1. 25% of 20 = 5

2. 30% of 90 = 27

3. 40% of 50 = 20

4. 15% of 40 = 6

5. 10% of 30 = 3

6. 50% of 84 = 42

7. 80% of 20 = 16

8. 30% of 10 = 3

9. 15% of 20 = 3

10. 10% of 10 = 1

Improper to mixed

1. $\frac{34}{3} = 2\frac{2}{3}$

2. $\frac{26}{5} = 2\frac{2}{5}$

3. $\frac{65}{8} = 2\frac{2}{5}$

4. $\frac{13}{6} = 2\frac{2}{5}$

5. $\frac{29}{4} = 2\frac{2}{5}$

6. $\frac{7}{3} = 2\frac{2}{5}$

7. $\frac{22}{7} = 2\frac{2}{5}$

8. $\frac{13}{2} = 2\frac{2}{5}$

9. $\frac{25}{6} = 2\frac{2}{5}$

10. $\frac{28}{9} = 2\frac{2}{5}$

Preview