

Year 5 Daily arithmetic W/C – 8/6/20

Each day, warm up your brain by having a go at 10 arithmetic questions. This should be a quick task and take around 10 minutes.

This week you will be recapping how to multiply and divide by 10, 100, 1000 and 10,000. It is really important that you use your place value knowledge (and chart if you need too) to help you to do this. Remember when multiplying, you move to the left and when dividing you move to the right.

This link might support you: <https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/z2fkwxw>

There are some examples on the next page and then some blank place value charts on the third page for you to use.

1. Monday	Tuesday	Wednesday	Thursday	Friday
1. $34 \times 10 =$	1. $3.2 \times 10 =$	1. $30 \div 10 =$	1. $0.003 \times 10 =$	1. $0.12 \div 10 =$
2. _____ $= 243 \times 10$	2. $23.1 \times 10 =$	2. _____ $= 50 \div 10$	2. $0.04 \times 10 =$	2. $2.03 \div 10 =$
3. $7364 \times 100 =$	3. _____ $= 4.3 \times 10$	3. $640 \div 10 =$	3. $1.03 \times 10 =$	3. $0.02 \div 100 =$
4. _____ $= 323 \times 10$	4. $24 \times 10 =$	4. _____ $= 880 \div 10$	4. _____ $= 0.203 \times 10$	4. _____ $\div 100 = 0.05$
5. $2343 \times 100 =$	5. $3.24 \times 10 =$	5. _____ $\div 10 = 4$	5. $0.002 \times \text{_____} = 2$	5. $0.032 = \text{_____} \div 100$
6. $329 \times 1000 =$	6. $82.1 \times 100 =$	6. _____ $\div 10 = 63$	6. $0.032 \times 100 =$	6. $12.03 \div 100 =$
7. _____ $= 23 \times 100$	7. $0.3 \times 1000 =$	7. $240 \div \text{_____} = 2.4$	7. $10.03 \times 10 =$	7. $10.04 \div \text{_____} = 1.004$
8. $989 \times 1000 =$	8. $870 = \text{_____} \times 10$	8. $756 \div \text{_____} = 7.56$	8. $10.04 \times \text{_____} = 1004$	8. _____ $\div 100 = 0.003$
9. $764 \times 10 =$	9. $5.4 \times \text{_____} = 5400$	9. $435 = \text{_____} \div 10$	9. $2003 = \text{_____} \times 10$	9. $0.005 = \text{_____} \div 1000$
10. _____ 66×1000	10. $34 = \text{_____} \times 100$	10. $40.3 \div 100 =$	10. $10.303 \times 100 =$	10. _____ $= 0.203 \div 10$

Use these examples to help you. Remember: when dividing or multiplying by 10, you move ALL of the numbers one place to the left/right. When dividing or multiplying by 100, you move ALL of the numbers two places to the left/right.

$$20.23 \times 10 = 202.3$$

Hundreds 100	Tens 10	Ones 1	Tenths 0.1	Hundredths 0.01
2	0	2	3	
	2	0	2	3

$$24.35 \times 100 = 2435$$

Thousands 1000	Hundreds 100	Tens 10	Ones 1	Tenths 0.1	Hundredths 0.01
		2	4	3	5
2	4	3	5		

$$12.4 \div 10 = 1.24$$

Tens 10	Ones 1	Tenths 0.1	Hundredths 0.01
1	2	4	
	1	2	4

$$120.6 \div 100 = 1.206$$

Hundreds 100	Tens 10	Ones 1	Tenths 0.1	Hundredths 0.01	Thousandths 0.001
1	2	0	6		
		1	2	0	6

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