Monday 6th July 2020

Questions from myminimaths.co.uk:

**20a)** 36 x 10 = **20b)** 932 x 100 =

**20c)** 10 x 4.3 = **20d)** \_\_\_\_ x 1000 = 196,000

**20e)** 91 x 100 = **20f)** 10 x 771 =

**20g)** 7711 x \_\_\_\_ = 77110 **20h)** 65.68 x 100 =

**20i)** 1000 x 83.52 = **20j)** 5356 x 100 =

**20k)** \_\_\_ x 34.16 = 34,160 **20l)** 5508 x 10 =

**20m)** 100 x 76.12 = **20n)** 21.87 x \_\_\_ = 21,870

**20o)** 10 x 90.01 = **20p)** 8.72 x 100 =

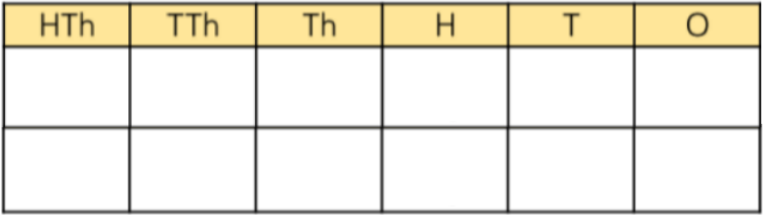
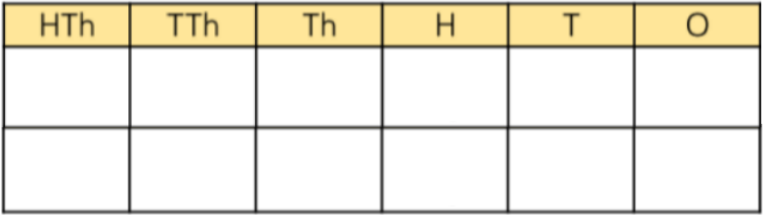


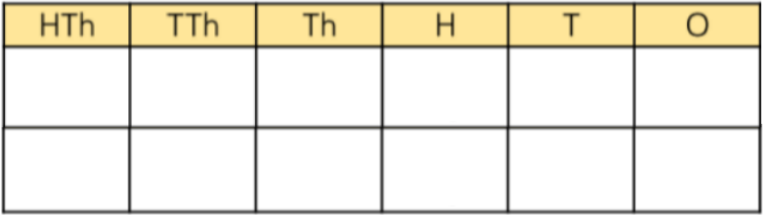
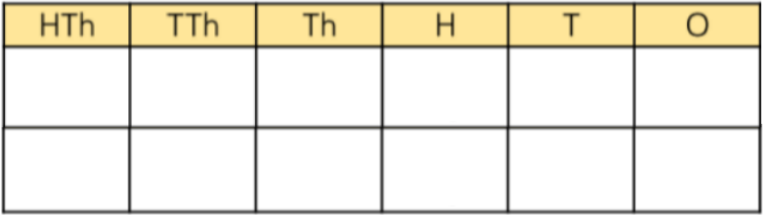
Video to help:

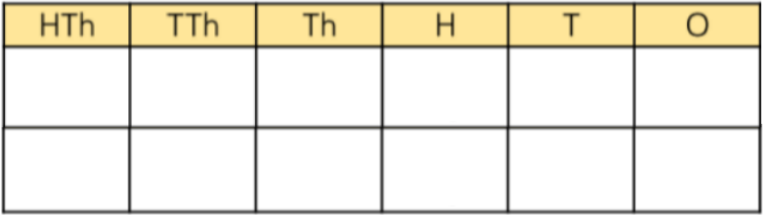
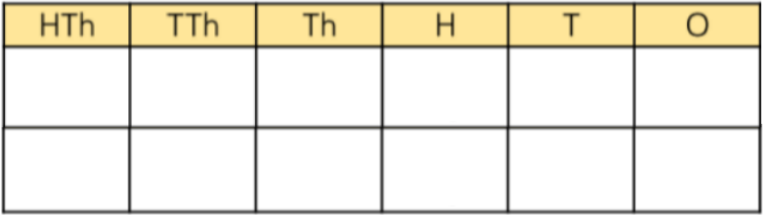
<https://myminimaths.co.uk/arithmetic-16-practice-question-20/>

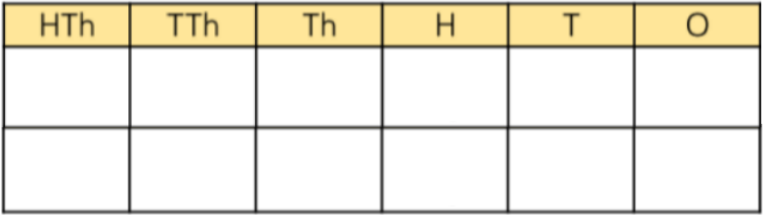
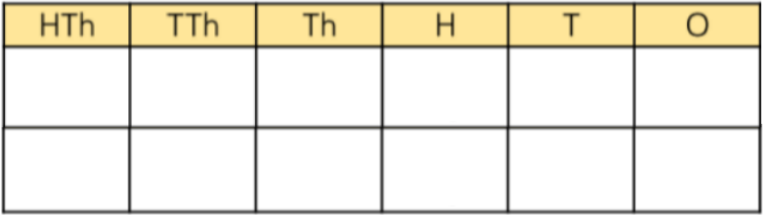
Answers:

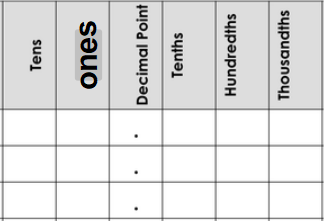
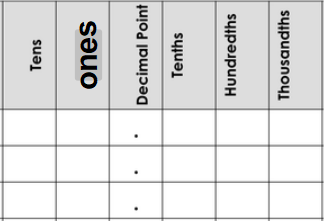
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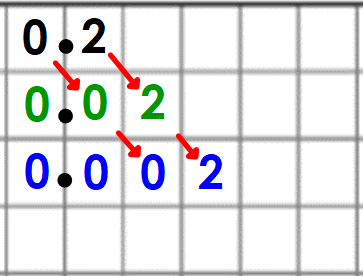
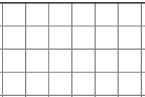
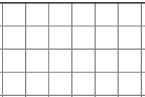
 

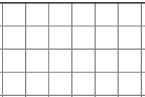
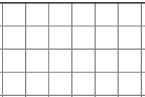
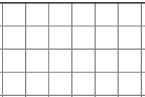
 

Questions from myminimaths.co.uk:

**19a)** 0.2 ÷ 100 = **19b)** 0.05 ÷ 10 = **19c)** 0.8 ÷ 100 =

**19d)** 0.1 ÷ 1000 = **19e)** 0.09 ÷ 100 = **19f)** 0.04 ÷ 100 =

Video to help:

<https://myminimaths.co.uk/arithmetic-16-practice-question-19/>



Answers:

<https://myminimaths.co.uk/arithmetic-16-answers-question-19/>

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| **LO:**  To multiply decimal numbers by 10, 100 and 1000 |
| Tuesday 7th July 2020 |
| **Star words:**  multiply times lots of groups of  In all product multiplied by area twice |

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| **Fluency** | | | |
| When you **X 10** you move the counters **\_\_\_\_\_** places to the **left**. | When you **X 100** you move the counters **\_\_\_\_\_** places to the **left**. | | When you **X 1000** you move the counters **\_\_\_\_\_** places to the **left**. |
| **1) 3.24 x 10 = X** | | **2)** **6.31 x 10 = X** | |
| **3) 23.04 x 10 =** | | **4) 4.24 x 100 =** | |
| **5) 27.37 x 100 =** | | **6) 0.05 x 100 =** | |
| **7) 5.37 x 1000 =** | | **8) 42.08 x 1000 =** | |
| **9) 6.2 x 1000 =** | | **10) 501.04 x 100 =** | |
| **Reasoning** | | | |
| 100 x 3.42 = **3420**    Explain why Mr Needham is wrong. | | Do you agree with Mo?  Explain your answer | |
| **Problem Solving** | | | |
| Mr Orr buys a coffee from Starbucks every morning. It costs **£2.05.**  How much does he spend on coffees in **10 days?**    Can you work out how much he would spend over **100 days?** | | Lisa makes duvets. **Each** bundle has **100** duvets in it. If one duvet is **4.7 cm** thick, how thick is one bundle? | |
| Miss Stonehouse buys a croissant every morning from the Asda. It costs 55p.  How much will she have spent in 1000 days? | |  | |

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| **LO:**  To divide decimal numbers by 10, 100 and 1000 |
| Wednesday 8th July 2020 |
| **Star words:** division shared equally lots of equal group  divisor dividend split distribute half |

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| **Fluency** | | | |
| When you **÷ 10** you move the counters **\_\_\_\_\_** places to the **right**. | When you **÷ 100** you move the counters **\_\_\_\_\_** places to the **right**. | | When you **÷ 1000** you move the counters **\_\_\_\_\_** places to the **right**. |
| **1) 4.2 ÷ 10 = ÷** | | **2)** **23.65 ÷ 10 = ÷** | |
| **3) 6.432 ÷ 10 =** | | **4) 4.07 ÷ 100 =** | |
| **5) 72.4 ÷ 100 =** | | **6) 24.01 ÷ 100 =** | |
| **7) 5.4 ÷ 1000 =** | | **8) 30.1 ÷ 1000 =** | |
| **9) 0.9 ÷ 1000 =** | | **10) 0.06 ÷ 100 =** | |
| **Reasoning** | | | |
| 10.2 ÷ 10 = **1.2**    Explain what mistake Mr Needham may have made. | | 5.2 ÷ 1000 is the same as  0.52 ÷ 100    Do you agree? | |
| **Problem Solving** | | | |
| 10 fidget spinners cost **£9.50**  What is the price of **1** fidget spinner cost? | | Mr Orr buys a coffee from Starbucks every morning. On the tenth day, he has spent £36.50  **a)** How much does one coffee cost?  **b)** How much would 3 coffees cost? | |
| Miss Stonehouse spends £153.50 on 10 football tickets.  What would be the price of two football ticket? | | Every morning, Miss Dean goes for a jog. She always runs the same distance. After 100 days, she has run a distance of 535.6 miles.  How far does Miss Dean run each day? | |

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| **LO:**  To identify factors and factor pairs. |
| Thursday 9th July 2020 |
| **Star words:**  multiples factors greatest least  Common product multiply arrays |

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| **Fluency –** | |
| **1)** Add the missing factor pairs    **How many factors does 12 have?** | **2)** Add the missing factor pairs    **How many factors does 20 have?** |
| **3)** Add the missing factor pairs    **How many factors does 18 have?** | **4)** Add the missing factor pairs    **How many factors does 24 have?** |
| **5)** Add the factor pairs    **How many factors does 48 have?** | **6)** Add the factor pairs    **How many factors does 15 have?** |
| **7) Circle the factors of 20**  1, 4, 7, 14, 5, 15, 20  **Which two factors are missing?** | **8)** Identify the missing common factors of **12** and **18**  12 – 1, \_\_\_, 3, \_\_\_  18 – 1, \_\_\_, 3, \_\_\_ |
| **9)** Identify the common factors of **20** and **30**  20 – 1,  30 – 1, | **10)** Identify the common factors of 12 and 24  12 –  24 – |
| **Reasoning** | |
| Use the examples and your own to check Tommy’s statement. | **5** is a factor of **7125**.  Explain how you know.  Is there a pattern to numbers that **5** is a factor of? |
| **Problem Solving** | |
| **1)** When do you put a x next to a number?  **2)** How many factor pairs does 36 have?  **3)** How many factors does 36 have?  **4)** Use Annie’s method to find the factors for 40   |  |  | | --- | --- | | **1** | **40** | | **2** |  | | **3** |  | |  |  | |  |  | |  |  | |  |  | |  |  | | Two numbers have common factors of **4** and **9**.  What could the numbers be? |

Friday 10th July 2020

Arithmetic

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| **1)** 1903 - 10 = | **16)** 363 - 18 = |
| **2)** 57 x 6 = | **17)** 16.04 + 21.87 = |
| **3)** 36.2 + 11.9 = | **18)** 4 x 3 x 12 = |
| **4)** 132 ÷ 12 = | **19)** + = |
| **5)** 1458 - 889 = | **20)** \_\_\_ x 80 = 4800 |
| **6)** 8 x 4 = | **21)** 1.423 x 1000 = |
| **7)** 417 - 9 = | **22)** 33 = |
| **8)** 71.09 + 44.98 = | **23)** 40,000 - 700 = |
| **9)** 3 x 2 x 12 = | **24)** 6300 ÷ 9 = |
| **10)** 307 - 10 = | **25)** \_\_\_ x 120 = 3600 |
| **11)** 46 x 6 = | **26)** 55% of 4500 = |
| **12)** 19.6 + 32.5 = | **27)** 3.42 x 8 = |
| **13)** 36 x 4 = | **28)** + = |
| **14)** 2908 + 819 = | **29)** \_\_\_ x 30 = 2100 |
| **15)** 9 x 7 = | **30)** 3.134 x 1000 = |