

Day 1 CYUQS

U4T5 Flexibly and confidently divide multi-digit decimals

Mild -- If needed, round answers to the tenths place

Focus: Dividing decimals by 1-digit whole numbers; simple quotients (no remainders or one decimal place)

1. $5.5 \div 5$
 2. $8.4 \div 2$
 3. $3.9 \div 3$
 4. $12.6 \div 6$
 5. $10.5 \div 5$
 6. $2.4 \div 4$
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Medium -- If needed, round answers to the tenths place

Focus: Dividing decimals by 2-digit whole numbers or producing quotients with 2+ decimal places

1. $45.5 \div 15$
 2. $26.1 \div 3$
 3. $9.72 \div 6$
 4. $8.64 \div 4$
 5. $13.75 \div 5$
 6. $22.5 \div 9$
-

Spicy (Hard) -- If needed, round answers to the tenths place

Focus: Larger numbers, more complex decimals, multi-step reasoning, or remainders repeating/terminating after several digits

1. $237.9 \div 18$

2. $152.8 \div 24$

3. $60.375 \div 15$

4. $98.64 \div 32$

5. $73.5 \div 6$

6. $408.45 \div 45$

Day 1 CYUQS Answer Key

Mild (Easy)

#	Problem	Answer
1	$5.5 \div 5$	1.1
2	$8.4 \div 2$	4.2
3	$3.9 \div 3$	1.3
4	$12.6 \div 6$	2.1
5	$10.5 \div 5$	2.1
6	$2.4 \div 4$	0.6

Medium

#	Problem	Answer (rounded to tenths)
1	$45.5 \div 15$	3.0
2	$26.1 \div 3$	8.7
3	$9.72 \div 6$	1.6

4 $8.64 \div 4$ **2.2**

5 $13.75 \div 5$ **2.8**

6 $22.5 \div 9$ **2.5**

Spicy (Hard)

#	Problem	Answer (rounded to tenths)
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1 $237.9 \div 18$ **13.2**

2 $152.8 \div 24$ **6.4**

3 $60.375 \div 15$ **4.0**

4 $98.64 \div 32$ **3.1**

5 $73.5 \div 6$ **12.3**

6 $408.45 \div 45$ **9.1**

Day 1 VC

Mild (Easy)

#	Problem	Answer
1	$4.8 \div 2$	2.4
2	$6.3 \div 3$	2.1
3	$7.2 \div 6$	1.2
4	$9.6 \div 4$	2.4

Medium

#	Problem	Answer (rounded to tenths)
1	$15.6 \div 12$	1.3
2	$24.8 \div 8$	3.1
3	$32.4 \div 9$	3.6
4	$18.9 \div 7$	2.7

Spicy (Hard)

#	Problem	Answer (rounded to tenths)
1	$63.72 \div 12$	5.3
2	$89.7 \div 25$	3.6
3	$45.36 \div 15$	3.064

Day 1 Consolidation

$$32.4 \div 9$$

$$3.78 \div 14$$

$$6.3 \div 3$$

Day 1 Group Consolidation

$$4.8 \div 2$$

$$\begin{array}{r} 00 \\ \hline \square \overline{) \square \square \square} \\ - \square \\ \hline \square \\ - \square \\ \hline \square \end{array}$$

$$22.5 \div 9$$

Things to Remember

$$\boxed{} \div 14$$

Rounding Info

From yesterday's "make your own" group consolidation:

3

$$28.0 \div 14$$

$$\begin{array}{r} 2.0 \\ 14 \overline{) 28.0} \\ \underline{28} \\ 0 \leftarrow \\ 0 \leftarrow \end{array}$$

2.0

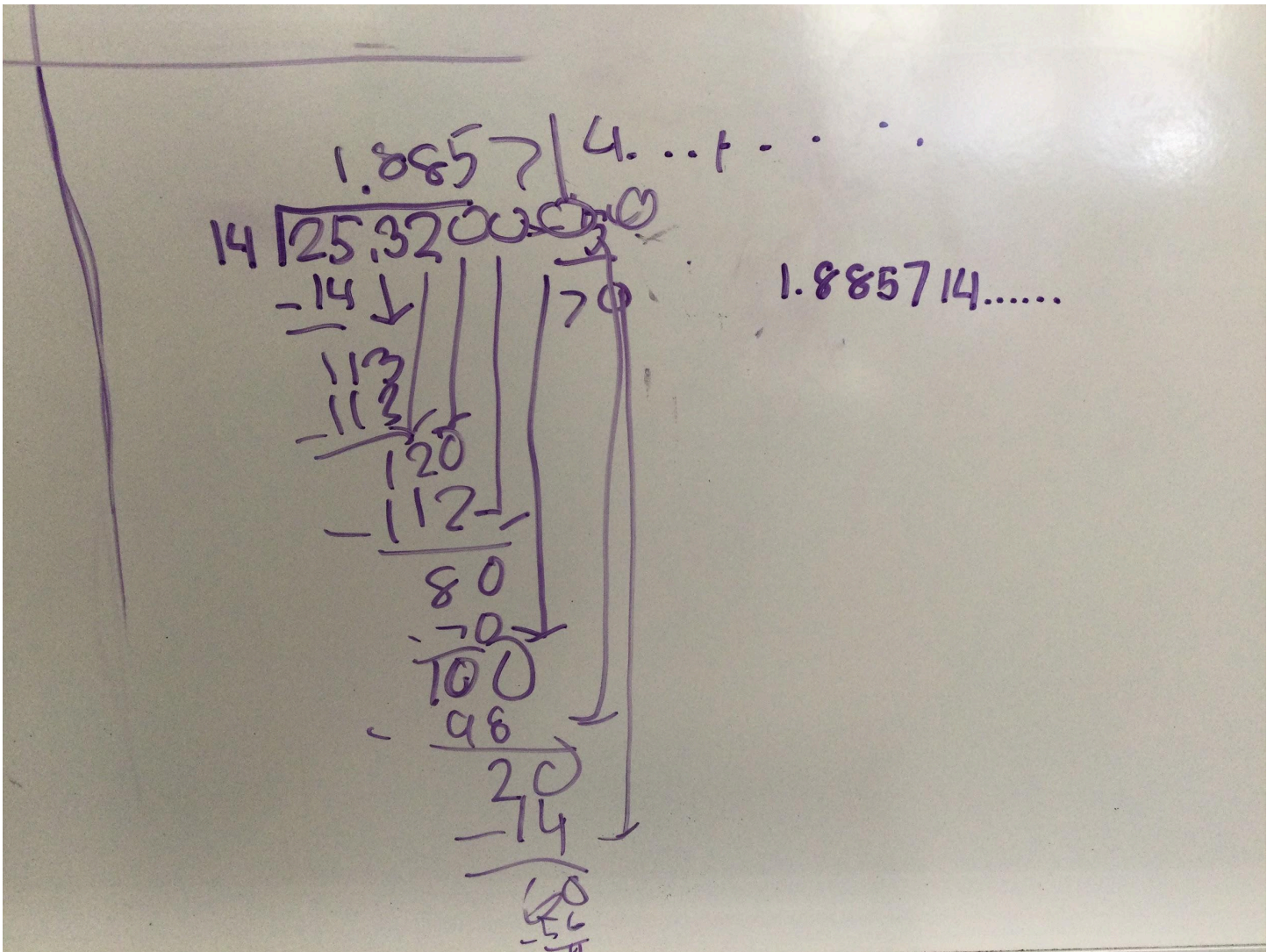
$$1.4 \div 14$$

$$\begin{array}{r} 0.1 \\ 14 \overline{) 1.4} \\ \underline{-14} \\ 0 \end{array}$$

0.1

Very mild ü

And then we had this SPICY one:



A GREAT opportunity to talk about rounding (to the tenths place):

When rounding to the tenths place, look at the hundredths place and...

"Five or more, add one more. Four or less, stays the same."

"Five or above? Give it a shove! Four or below? Let it go!"

"Five or more, make it soar!"

$$\boxed{42.90} \div 14$$

Never
try this

$$\begin{array}{r}
 3.0642857 \\
 14 \overline{) 42.90} \\
 \underline{+ 42} \\
 90 \\
 \underline{- 84} \\
 60 \\
 \underline{- 56} \\
 40 \\
 \underline{- 28} \\
 12 \\
 \underline{- 14} \\
 80 \\
 \underline{- 70} \\
 10 \\
 \underline{- 14} \\
 90 \\
 \underline{- 84} \\
 60 \\
 \underline{- 56} \\
 40 \\
 \underline{- 28} \\
 12 \\
 \underline{- 14} \\
 80
 \end{array}$$

$$\begin{array}{r}
 42 \\
 + 28 \\
 \hline
 70 \\
 + 14 \\
 \hline
 84 \\
 + 14 \\
 \hline
 98 \\
 + 14 \\
 \hline
 112
 \end{array}$$

$$\begin{array}{r}
 42 \\
 + 14 \\
 \hline
 56 \\
 + 14 \\
 \hline
 70
 \end{array}$$

$$\begin{array}{r}
 84 \\
 + 14 \\
 \hline
 98
 \end{array}$$

$$\begin{array}{r}
 98 \\
 + 14 \\
 \hline
 112
 \end{array}$$

have
e value

Day 2 CYUQS

Mild Set -- If needed, round to the hundredths

Focus: Tenths and hundredths, simple quotients

1. $8.1 \div 0.9$
 2. $5.4 \div 0.6$
 3. $9.6 \div 1.2$
 4. $2.4 \div 0.4$
 5. $3.9 \div 0.3$
 6. $7.2 \div 0.8$
 7. $6.3 \div 0.9$
-

Medium Set -- If needed, round to the hundredths

Focus: Hundredths and mixed place values, less “round” numbers

1. $6.72 \div 0.4$
 2. $3.85 \div 0.7$
 3. $4.32 \div 0.9$
 4. $5.76 \div 0.8$
 5. $7.35 \div 1.05$
 6. $2.43 \div 0.27$
 7. $6.48 \div 0.9$
-

Spicy Set (Challenging) -- If needed, round to the hundredths

Focus: Thousandths, mixed decimals, and trickier divisors

1. $7.29 \div 0.27$

2. $5.184 \div 0.48$

3. $3.276 \div 0.24$

4. $9.135 \div 1.5$

5. $2.754 \div 0.06$

6. $14.58 \div 0.75$

7. $10.836 \div 0.42$

Day 2 CYUQS Answer Key

Mild Set (Easy) – Answer Key

#	Problem	Answer
1	$8.1 \div 0.9$	9
2	$5.4 \div 0.6$	9
3	$9.6 \div 1.2$	8
4	$2.4 \div 0.4$	6
5	$3.9 \div 0.3$	13
6	$7.2 \div 0.8$	9
7	$6.3 \div 0.9$	7

Medium Set – Answer Key

#	Problem	Answer
1	$6.72 \div 0.4$	16.8
2	$3.85 \div 0.7$	5.5
3	$4.32 \div 0.9$	4.8
4	$5.76 \div 0.8$	7.2
5	$7.35 \div 1.05$	7
6	$2.43 \div 0.27$	9
7	$6.48 \div 0.9$	7.2

Spicy Set (Challenging) – Answer Key

#	Problem	Answer
1	$7.29 \div 0.27$	27
2	$5.184 \div 0.48$	10.8
3	$3.276 \div 0.24$	13.65
4	$9.135 \div 1.5$	6.09

5 $2.754 \div 0.06$ **45.9**

6 $14.58 \div 0.75$ **19.44**

7 $10.836 \div 0.42$ **25.8**

Day 2 VC

Mild Set (Easy) – Answer Key

#	Problem	Answer
1	$3.6 \div 1.2$	3
2	$4.5 \div 0.5$	9
3	$6.4 \div 0.8$	8
4	$0.27 \div 0.3$	0.9
5	$0.75 \div 1.5$	0.5

Medium Set – Answer Key

#	Problem	Answer
1	$4.56 \div 1.2$	3.8
2	$7.28 \div 0.8$	9.1
3	$9.63 \div 1.5$	6.42
4	$5.04 \div 0.6$	8.4
5	$8.25 \div 0.75$	11

Spicy Set (Challenging) – Answer Key

#	Problem	Answer
1	$12.48 \div 0.32$	39
2	$9.625 \div 0.25$	38.5
3	$4.905 \div 0.15$	32.7
4	$6.372 \div 0.12$	53.1
5	$8.436 \div 0.18$	46.87

Day 2 Consolidation

Mild: $7.5 \div 1.5$

Medium: $4.56 \div 1.2$

Spicy: $8.436 \div 0.18$

What can we do to all of these, without thinking?

- Setup the long division
- Move the decimals in both the divisor and the dividend (so you're not dividing by a decimal)

The image shows a computer monitor displaying a Google Docs document. The document is titled "T5 STUFF" and contains three math problems, each with a handwritten solution. The problems are:

- Mild:** $7.5 \div 1.5$. The handwritten solution shows two long division setups. The first setup is $1.5 \overline{) 7.5}$. The second setup is $15 \overline{) 75}$.
- Medium:** $4.56 \div 1.2$. The handwritten solution shows two long division setups. The first setup is $1.2 \overline{) 4.56}$. The second setup is $12 \overline{) 45.6}$.
- Spicy:** $8.436 \div 0.18$. The handwritten solution shows two long division setups. The first setup is $0.18 \overline{) 8.436}$. The second setup is $18 \overline{) 843.6}$.

The monitor's taskbar at the bottom right shows the time as 12:30 PM and the date as 11/4/2025.