

Name:

Big Hex's Long Division Quest

Help Big Hex solve the 3-digit by 2-digit long division questions below!

1. $12 \overline{)504}$

2. $31 \overline{)465}$

3. $50 \overline{)300}$

4. $44 \overline{)968}$

5. $78 \overline{)858}$

6. $16 \overline{)944}$

7. $25 \overline{)675}$

8. $89 \overline{)712}$

9. $33 \overline{)858}$

10. $52 \overline{)936}$

11. $48 \overline{)960}$

12. $23 \overline{)805}$

13. $14 \overline{)784}$

14. $66 \overline{)264}$



Big Hex's Long Division Quest:

3-Digit By 2-Digit Long Division, No Remainders

Answer Key

1.
$$\begin{array}{r} 42 \\ 12 \overline{)504} \end{array}$$

2.
$$\begin{array}{r} 15 \\ 31 \overline{)465} \end{array}$$

3.
$$\begin{array}{r} 6 \\ 50 \overline{)300} \end{array}$$

4.
$$\begin{array}{r} 22 \\ 44 \overline{)968} \end{array}$$

5.
$$\begin{array}{r} 11 \\ 78 \overline{)858} \end{array}$$

6.
$$\begin{array}{r} 59 \\ 16 \overline{)944} \end{array}$$

7.
$$\begin{array}{r} 27 \\ 25 \overline{)675} \end{array}$$

8.
$$\begin{array}{r} 8 \\ 89 \overline{)712} \end{array}$$

9.
$$\begin{array}{r} 26 \\ 33 \overline{)858} \end{array}$$

10.
$$\begin{array}{r} 18 \\ 52 \overline{)936} \end{array}$$

11.
$$\begin{array}{r} 20 \\ 48 \overline{)960} \end{array}$$

12.
$$\begin{array}{r} 35 \\ 23 \overline{)805} \end{array}$$

13.
$$\begin{array}{r} 56 \\ 14 \overline{)784} \end{array}$$

14.
$$\begin{array}{r} 4 \\ 66 \overline{)264} \end{array}$$

Name: _____

Big Hex's Long Division Quest

Help Big Hex solve the 3-digit by 2-digit long division questions below!

Find the answer by filling in the blanks for each equation.

1.
$$\begin{array}{r} 1r \\ 24 \overline{)440} \\ - \\ 0 \\ - \\ \end{array}$$

2.
$$\begin{array}{r} r3 \\ 38 \overline{)459} \\ - \\ 9 \\ - \\ 3 \end{array}$$

3.
$$\begin{array}{r} r \\ 60 \overline{)614} \\ - 60 \\ 4 \\ - \\ \end{array}$$

4.
$$\begin{array}{r} r \\ 41 \overline{)955} \\ - 2 \\ 5 \\ - \\ \end{array}$$

5.
$$\begin{array}{r} r \\ 74 \overline{)849} \\ - \\ 9 \\ - \\ \end{array}$$

6.
$$\begin{array}{r} r \\ 22 \overline{)642} \\ - \\ 2 \\ - \\ \end{array}$$

7.
$$\begin{array}{r} r \\ 17 \overline{)842} \\ - \\ 2 \\ - \\ \end{array}$$

8.
$$\begin{array}{r} r \\ 26 \overline{)969} \\ - \\ 9 \\ - \\ \end{array}$$

9.
$$\begin{array}{r} r \\ 14 \overline{)808} \\ - \\ 8 \\ - \\ \end{array}$$

10.
$$\begin{array}{r} r \\ 53 \overline{)767} \\ - \\ 7 \\ - 2 \\ \end{array}$$

11.
$$\begin{array}{r} r \\ 34 \overline{)865} \\ - \\ 5 \\ - \\ \end{array}$$



Name:

Big Hex's Long Division Quest:

3-Digit By 2-Digit Long Division, With Remainders

Answer Key

1.
$$\begin{array}{r} 18 \text{ r} 8 \\ 24 \overline{) 440} \\ \underline{-24} \\ 200 \\ \underline{-192} \\ 8 \end{array}$$

2.
$$\begin{array}{r} 12 \text{ r} 3 \\ 38 \overline{) 459} \\ \underline{-38} \\ 79 \\ \underline{-76} \\ 3 \end{array}$$

3.
$$\begin{array}{r} 10 \text{ r} 14 \\ 60 \overline{) 614} \\ \underline{-60} \\ 14 \\ \underline{-00} \\ 14 \end{array}$$

4.
$$\begin{array}{r} 23 \text{ r} 12 \\ 41 \overline{) 955} \\ \underline{-82} \\ 135 \\ \underline{-123} \\ 12 \end{array}$$

5.
$$\begin{array}{r} 11 \text{ r} 35 \\ 74 \overline{) 849} \\ \underline{-74} \\ 109 \\ \underline{-74} \\ 35 \end{array}$$

6.
$$\begin{array}{r} 29 \text{ r} 4 \\ 22 \overline{) 642} \\ \underline{-44} \\ 202 \\ \underline{-198} \\ 4 \end{array}$$

7.
$$\begin{array}{r} 49 \text{ r} 9 \\ 17 \overline{) 842} \\ \underline{-68} \\ 162 \\ \underline{-153} \\ 9 \end{array}$$

8.
$$\begin{array}{r} 37 \text{ r} 7 \\ 26 \overline{) 969} \\ \underline{-78} \\ 189 \\ \underline{-182} \\ 7 \end{array}$$

9.
$$\begin{array}{r} 57 \text{ r} 10 \\ 14 \overline{) 808} \\ \underline{-70} \\ 108 \\ \underline{-98} \\ 10 \end{array}$$

10.
$$\begin{array}{r} 14 \text{ r} 25 \\ 53 \overline{) 767} \\ \underline{-53} \\ 237 \\ \underline{-212} \\ 25 \end{array}$$

11.
$$\begin{array}{r} 25 \text{ r} 15 \\ 34 \overline{) 865} \\ \underline{-68} \\ 185 \\ \underline{-170} \\ 15 \end{array}$$

Name:

Tidus' Long Division Quest

Help Tidus solve the 4-digit by 2-digit long division questions below!

1. $32 \overline{)6,208}$

2. $68 \overline{)8,160}$

3. $25 \overline{)7,525}$

4. $81 \overline{)9,153}$

5. $16 \overline{)7,520}$

6. $54 \overline{)7,182}$

7. $43 \overline{)9,331}$

8. $91 \overline{)9,737}$

9. $23 \overline{)6,072}$

10. $11 \overline{)7,062}$

11. $35 \overline{)5,740}$

12. $47 \overline{)9,541}$

13. $75 \overline{)8,625}$

14. $28 \overline{)8,848}$



Name:

Tidus' Long Division Quest:

4-Digit by 2-Digit Long Division, No Remainders

Answer Key

$$1. \quad \begin{array}{r} 194 \\ 32 \overline{)6,208} \end{array}$$

$$2. \quad \begin{array}{r} 120 \\ 68 \overline{)8,160} \end{array}$$

$$3. \quad \begin{array}{r} 301 \\ 25 \overline{)7,525} \end{array}$$

$$4. \quad \begin{array}{r} 113 \\ 81 \overline{)9,153} \end{array}$$

$$5. \quad \begin{array}{r} 470 \\ 16 \overline{)7,520} \end{array}$$

$$6. \quad \begin{array}{r} 133 \\ 54 \overline{)7,182} \end{array}$$

$$7. \quad \begin{array}{r} 217 \\ 43 \overline{)9,331} \end{array}$$

$$8. \quad \begin{array}{r} 107 \\ 91 \overline{)9,737} \end{array}$$

$$9. \quad \begin{array}{r} 264 \\ 23 \overline{)6,072} \end{array}$$

$$10. \quad \begin{array}{r} 642 \\ 11 \overline{)7,062} \end{array}$$

$$11. \quad \begin{array}{r} 164 \\ 35 \overline{)5,740} \end{array}$$

$$12. \quad \begin{array}{r} 203 \\ 47 \overline{)9,541} \end{array}$$

$$13. \quad \begin{array}{r} 115 \\ 75 \overline{)8,625} \end{array}$$

$$14. \quad \begin{array}{r} 316 \\ 28 \overline{)8,848} \end{array}$$

Name:

Tidus' Match the Answer Long Division Quest

Help Tidus solve each problem below!

Draw a line to match each equation on the left with its answer on the right.

1. $49 \overline{)7070}$

a) 136 r17

2. $27 \overline{)9,942}$

b) 137 r43

3. $70 \overline{)7,870}$

c) 144 r14

4. $16 \overline{)6,968}$

d) 435 r8

5. $54 \overline{)7,361}$

e) 112 r30

6. $91 \overline{)9,284}$

f) 234 r14

7. $32 \overline{)7,125}$

g) 568 r4

8. $65 \overline{)8,948}$

h) 222 r21

9. $13 \overline{)7,388}$

i) 368 r6

10. $29 \overline{)6,800}$

j) 102 r2



Tidus' Match the Answer Long Division Quest:

4-Digit By 2-Digit Long Division, With Remainders

Answer Key

$$1. \quad 49 \overline{)7,070} \quad \text{c) } 144 \text{ r}14$$

$$2. \quad 27 \overline{)9,942} \quad \text{i) } 368 \text{ r}6$$

$$3. \quad 70 \overline{)7,870} \quad \text{e) } 112 \text{ r}30$$

$$4. \quad 16 \overline{)6,968} \quad \text{d) } 435 \text{ r}8$$

$$5. \quad 54 \overline{)7,361} \quad \text{a) } 136 \text{ r}17$$

$$6. \quad 91 \overline{)9,284} \quad \text{j) } 102 \text{ r}2$$

$$7. \quad 32 \overline{)7,125} \quad \text{h) } 222 \text{ r}21$$

$$8. \quad 65 \overline{)8,948} \quad \text{b) } 137 \text{ r}43$$

$$9. \quad 13 \overline{)7,388} \quad \text{g) } 568 \text{ r}4$$

$$10. \quad 29 \overline{)6,800} \quad \text{f) } 234 \text{ r}14$$

Name:

Eclipse's Long Division Quest

Help Eclipse solve the 4-digit by 2-digit long division questions below!

1. $64 \overline{)7,115}$

2. $18 \overline{)9,707}$

3. $34 \overline{)8,067}$

4. $27 \overline{)6,495}$

5. $56 \overline{)6,908}$

6. $90 \overline{)9,113}$

7. $12 \overline{)8,920}$

8. $31 \overline{)9,660}$

9. $28 \overline{)6,030}$

10. $45 \overline{)9,832}$

11. $79 \overline{)9,088}$

12. $51 \overline{)7,413}$

13. $83 \overline{)8,664}$



Name:

Eclipse's Long Division Quest:

4-Digit by 2-Digit Long Division, With Remainders

Answer Key

$$1. \quad \begin{array}{r} 111 \text{ r}11 \\ 64 \overline{)7,115} \end{array}$$

$$2. \quad \begin{array}{r} 539 \text{ r}5 \\ 18 \overline{)9,707} \end{array}$$

$$3. \quad \begin{array}{r} 237 \text{ r}9 \\ 34 \overline{)8,067} \end{array}$$

$$4. \quad \begin{array}{r} 240 \text{ r}15 \\ 27 \overline{)6,495} \end{array}$$

$$5. \quad \begin{array}{r} 123 \text{ r}20 \\ 56 \overline{)6,908} \end{array}$$

$$6. \quad \begin{array}{r} 101 \text{ r}23 \\ 90 \overline{)9,113} \end{array}$$

$$7. \quad \begin{array}{r} 743 \text{ r}4 \\ 12 \overline{)8,920} \end{array}$$

$$8. \quad \begin{array}{r} 311 \text{ r}19 \\ 31 \overline{)9,660} \end{array}$$

$$9. \quad \begin{array}{r} 215 \text{ r}10 \\ 28 \overline{)6,030} \end{array}$$

$$10. \quad \begin{array}{r} 218 \text{ r}22 \\ 45 \overline{)9,832} \end{array}$$

$$11. \quad \begin{array}{r} 115 \text{ r}3 \\ 79 \overline{)9,088} \end{array}$$

$$12. \quad \begin{array}{r} 145 \text{ r}18 \\ 51 \overline{)7,413} \end{array}$$

$$13. \quad \begin{array}{r} 104 \text{ r}32 \\ 83 \overline{)8,664} \end{array}$$

Name:

Eclipse's Long Division Quest

Help Eclipse solve the long division word problems below!

1. Florafox has 388 flowers and wants to make bouquets for 32 friends.
How many flowers go into each bouquet and how many are left over?
2. Big Hex has \$914 to buy as much scrap metal as he can.
If scrap metal costs \$25 a pound, how much can Big Hex buy?
3. Tarragon has to stock 808 books in the library. Each shelf can hold 44 books.
How many shelves will be filled? How many books are put on the last shelf?
4. Solarasis has to fly 461 miles and travels 21 miles an hour.
How many miles will Solarasis travel in the last hour of flight?
5. Mystyyk is organizing 853 eggs into several baskets. 16 eggs fit into a basket.
How many baskets can Mystyyk fill? How many eggs partially fill the last basket?



Name:

Eclipse's Long Division Quest:

3-Digit By 2-Digit Long Division Word Problems, With Remainders

Answer Key

1. Florafox has 388 flowers and wants to make bouquets for 32 friends.
How many flowers go into each bouquet and how many are left over?

$$\begin{array}{r} 12 \text{ r}4 \\ 32 \overline{)388} \end{array} \quad \text{12 flowers go into each bouquet with 4 flowers left over.}$$

2. Big Hex has \$914 to buy as much scrap metal as he can.
If scrap metal costs \$25 a pound, how much can Big Hex buy?

$$\begin{array}{r} 36 \text{ r}14 \\ 25 \overline{)914} \end{array} \quad \text{Big Hex can buy 36 pounds of scrap metal with $14 remaining.}$$

3. Tarragon has to stock 808 books in the library. Each shelf can hold 44 books.
How many shelves will be filled? How many books are put on the last shelf?

$$\begin{array}{r} 18 \text{ r}16 \\ 44 \overline{)808} \end{array} \quad \text{18 shelves will be filled and 16 books will be left on the last shelf.}$$

4. Solarasis has to fly 461 miles and travels 21 miles an hour.
How many miles will Solarasis travel in the last hour of flight?

$$\begin{array}{r} 21 \text{ r}20 \\ 21 \overline{)461} \end{array} \quad \text{Solaris will have 20 miles left to travel in the last hour of flight.}$$

5. Mystyyk is organizing 853 eggs into several baskets. 16 eggs fit into a basket.
How many baskets can Mystyyk fill? How many eggs partially fill the last basket?

$$\begin{array}{r} 53 \text{ r}5 \\ 16 \overline{)853} \end{array} \quad \text{Mystyyk can fill 53 baskets and have 5 eggs in the 54th basket.}$$

Name: _____

Arcturus' Long Division Quest

Help Arcturus answer the long division questions below by solving to 1 decimal point!

1. $26 \overline{)845}$

2. $35 \overline{)483}$

3. $52 \overline{)858}$

4. $15 \overline{)729}$

5. $68 \overline{)714}$

6. $12 \overline{)654}$

7. $32 \overline{)880}$

8. $45 \overline{)819}$

9. $85 \overline{)391}$

10. $22 \overline{)803}$

11. $65 \overline{)481}$

12. $94 \overline{)235}$

13. $25 \overline{)915}$



Name:

Arcturus' Long Division Quest:

3-Digit by 2-Digit Long Division To 1 Decimal Place

Answer Key

$$1. \quad \begin{array}{r} 32.5 \\ 26 \overline{)845} \end{array}$$

$$2. \quad \begin{array}{r} 13.8 \\ 35 \overline{)483} \end{array}$$

$$3. \quad \begin{array}{r} 16.5 \\ 52 \overline{)858} \end{array}$$

$$4. \quad \begin{array}{r} 48.6 \\ 15 \overline{)729} \end{array}$$

$$5. \quad \begin{array}{r} 10.5 \\ 68 \overline{)714} \end{array}$$

$$6. \quad \begin{array}{r} 54.5 \\ 12 \overline{)654} \end{array}$$

$$7. \quad \begin{array}{r} 27.5 \\ 32 \overline{)880} \end{array}$$

$$8. \quad \begin{array}{r} 18.2 \\ 45 \overline{)819} \end{array}$$

$$9. \quad \begin{array}{r} 4.6 \\ 85 \overline{)391} \end{array}$$

$$10. \quad \begin{array}{r} 36.5 \\ 22 \overline{)803} \end{array}$$

$$11. \quad \begin{array}{r} 7.4 \\ 65 \overline{)481} \end{array}$$

$$12. \quad \begin{array}{r} 2.5 \\ 94 \overline{)235} \end{array}$$

$$13. \quad \begin{array}{r} 36.6 \\ 25 \overline{)915} \end{array}$$

Name:

Arcturus' Long Division Quest: What Doesn't Belong?

Help Arcturus solve each 3-digit by 2-digit long division problem below!

In each group of equations, three answers are correct and one is **NOT** correct.

Circle the equation in each group that does **NOT** have a correct answer.

Group 1: Out of these four equations, which answer is NOT correct?

a) $\frac{46.7}{12 \overline{)558}}$ b) $\frac{20.5}{36 \overline{)738}}$ c) $\frac{4.8}{65 \overline{)312}}$ d) $\frac{13.5}{44 \overline{)594}}$

Group 2: Out of these four equations, which answer is NOT correct?

a) $\frac{39.4}{25 \overline{)985}}$ b) $\frac{18.8}{15 \overline{)276}}$ c) $\frac{28.5}{18 \overline{)513}}$ d) $\frac{6.5}{74 \overline{)481}}$

Group 3: Out of these four equations, which answer is NOT correct?

a) $\frac{17.5}{32 \overline{)560}}$ b) $\frac{5.5}{58 \overline{)319}}$ c) $\frac{9.2}{95 \overline{)874}}$ d) $\frac{49.5}{16 \overline{)728}}$



Arcturus' Long Division Quest: What Doesn't Belong?

3-Digit by 2-Digit Long Division To 1 Decimal Place

Answer Key

Group 1: Out of these four equations, which answer is NOT correct?

a) $\frac{46.7}{12 \overline{)558}}$ b) $\frac{20.5}{36 \overline{)738}}$ c) $\frac{4.8}{65 \overline{)312}}$ d) $\frac{13.5}{44 \overline{)594}}$

Actual answer: 46.5

Group 2: Out of these four equations, which answer is NOT correct?

a) $\frac{39.4}{25 \overline{)985}}$ b) $\frac{18.8}{15 \overline{)276}}$ c) $\frac{28.5}{18 \overline{)513}}$ d) $\frac{6.5}{74 \overline{)481}}$

Actual answer: 18.4

Group 3: Out of these four equations, which answer is NOT correct?

a) $\frac{17.5}{32 \overline{)560}}$ b) $\frac{5.5}{58 \overline{)319}}$ c) $\frac{9.2}{95 \overline{)874}}$ d) $\frac{49.5}{16 \overline{)728}}$

Actual answer: 45.5

Name:

Magmischief's Long Division Quest

Help Magmischief answer the long division questions below by solving to 1 decimal point!

1. $38 \overline{)7,695}$

2. $64 \overline{)9,376}$

3. $95 \overline{)4,484}$

4. $45 \overline{)9,612}$

5. $14 \overline{)4,669}$

6. $72 \overline{)9,036}$

7. $88 \overline{)6,292}$

8. $25 \overline{)9,265}$

9. $56 \overline{)7,140}$

10. $18 \overline{)6,489}$

11. $65 \overline{)6,851}$

12. $22 \overline{)9,053}$

13. $46 \overline{)7,199}$



Magmischief's Long Division Quest:

4-Digit by 2-Digit Long Division To 1 Decimal Place

Answer Key

1.
$$\begin{array}{r} 202.5 \\ 38 \overline{)7,695} \end{array}$$

2.
$$\begin{array}{r} 146.5 \\ 64 \overline{)9,376} \end{array}$$

3.
$$\begin{array}{r} 47.2 \\ 95 \overline{)4,484} \end{array}$$

4.
$$\begin{array}{r} 213.6 \\ 45 \overline{)9,612} \end{array}$$

5.
$$\begin{array}{r} 333.5 \\ 14 \overline{)4,669} \end{array}$$

6.
$$\begin{array}{r} 125.5 \\ 72 \overline{)9,036} \end{array}$$

7.
$$\begin{array}{r} 71.5 \\ 88 \overline{)6,292} \end{array}$$

8.
$$\begin{array}{r} 370.6 \\ 25 \overline{)9,265} \end{array}$$

9.
$$\begin{array}{r} 127.5 \\ 56 \overline{)7,140} \end{array}$$

10.
$$\begin{array}{r} 360.5 \\ 18 \overline{)6,489} \end{array}$$

11.
$$\begin{array}{r} 105.4 \\ 65 \overline{)6,851} \end{array}$$

12.
$$\begin{array}{r} 411.5 \\ 22 \overline{)9,053} \end{array}$$

13.
$$\begin{array}{r} 156.5 \\ 46 \overline{)7,199} \end{array}$$

Name:

Magmischief's Long Division Quest

Help Magmischief solve each long division word problem below!

1. Aquariot is transferring 1,536 pebbles to a koi pond using a shovel. If Aquariot's shovel holds 48 pebbles, how many trips will it take?
2. Luma is baking cookies for 4,032 new wizards. If each cookie tray can hold 36 cookies, how many trays will Luma need to make to give every wizard a cookie?
3. TripTrop is planting rows of seeds in a massive garden. 25 seeds fit in a row. If TripTrop has 5,600 seeds, how many rows will TripTrop be planting?
4. Liosen has \$9,660 to buy some new gems. Each gem costs \$92. How many gems can Liosen purchase?
5. Diveodile is jarring 4500 pickles. 12 pickles fit into each jar. How many jars will it take for Diveodile to jar all the pickles?



Magmischief's Long Division Quest:

4-digit by 2-digit Long Division Word Problems

Answer Key

1. Aquariot is transferring 1,536 pebbles to a koi pond using a shovel. If Aquariot's shovel holds 48 pebbles, how many trips will it take?

$$\begin{array}{r} 32 \\ 48 \overline{)1,536} \end{array}$$

It will take Aquariot 32 trips to move all the pebbles.

2. Luma is baking cookies for 4,032 new wizards. If each cookie tray can hold 36 cookies, how many trays will Luma need to make to give every wizard a cookie?

$$\begin{array}{r} 112 \\ 36 \overline{)4,032} \end{array}$$

Luma will need to make 112 trays of cookies.

3. TripTrop is planting rows of seeds in a massive garden. 25 seeds fit in a row. If TripTrop has 5,600 seeds, how many rows will TripTrop be planting?

$$\begin{array}{r} 224 \\ 25 \overline{)5,600} \end{array}$$

TripTrop will be planting 224 rows of seeds.

4. Liosen has \$9,660 to buy some new gems. Each gem costs \$92. How many gems can Liosen purchase?

$$\begin{array}{r} 105 \\ 92 \overline{)9,660} \end{array}$$

Liosen can buy 105 new gems.

5. Diveodile is jarring 4500 pickles. 12 pickles fit into each jar. How many jars will it take for Diveodile to jar all the pickles?

$$\begin{array}{r} 375 \\ 12 \overline{)4,500} \end{array}$$

Diveodile will need 375 jars.