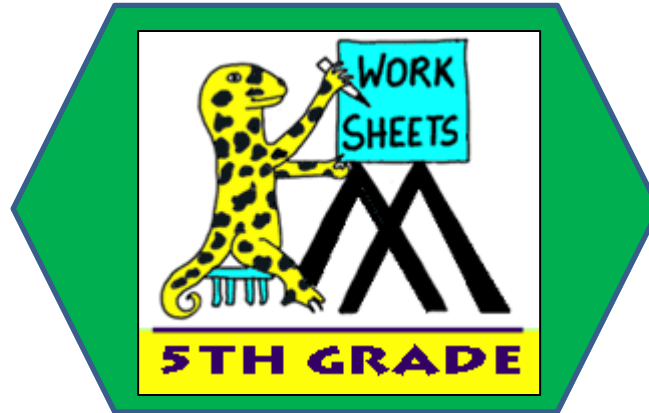


5TH GRADE MATH GRAB PACK 1 ANSWERS



Here are answers to all the worksheets in 5th Grade Math Grab Pack 1.

| CONTENTS | | | |
|----------|--|----|-------------------------|
| 1 | Column Addition Decimals | 6 | Order of Operations 5:1 |
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| 4 | Reading Scales Standard 5A | 9 | 1..2..3..4 Challenge |
| 5 | Make 10 | 10 | Mental Math Quiz 5:1 |

Please give us feedback on our pack – both what you liked and what sheets you would like to see more of by leaving a comment on the link below.

<https://www.math-salamanders.com/math-grab-packs.html>



COLUMN ADDITION DECIMALS SHEET 1 ANSWERS

$$\begin{array}{r} 1) \quad 1928.27 \\ + \quad 4293.55 \\ \hline 6221.82 \end{array}$$

$$\begin{array}{r} 2) \quad 2094.06 \\ + \quad 1837.75 \\ \hline 3931.81 \end{array}$$

$$\begin{array}{r} 3) \quad 7382.59 \\ + \quad 823.68 \\ \hline 8206.27 \end{array}$$

$$\begin{array}{r} 4) \quad 6308.72 \\ + \quad 1839.8 \\ \hline 8148.52 \end{array}$$

$$\begin{array}{r} 5) \quad 8250.95 \\ + \quad 2839.47 \\ \hline 11090.42 \end{array}$$

$$\begin{array}{r} 6) \quad 8372.8 \\ + \quad 497.49 \\ \hline 8870.29 \end{array}$$

$$\begin{array}{r} 7) \quad 9382.63 \\ + \quad 6308.85 \\ \hline 15691.48 \end{array}$$

$$\begin{array}{r} 8) \quad 3028.29 \\ + \quad 8240.75 \\ \hline 11269.04 \end{array}$$

$$\begin{array}{r} 9) \quad 7385.68 \\ + \quad 8297.9 \\ \hline 15683.58 \end{array}$$

$$\begin{array}{r} 10) \quad 670.138 \\ + \quad 185.372 \\ \hline 855.510 \end{array}$$

$$\begin{array}{r} 11) \quad 139.743 \\ + \quad 382.108 \\ \hline 521.851 \end{array}$$

$$\begin{array}{r} 12) \quad 738.138 \\ + \quad 82.527 \\ \hline 820.665 \end{array}$$

$$\begin{array}{r} 13) \quad 7362.84 \\ + \quad 2831.27 \\ + \quad 1093.35 \\ \hline 11287.46 \end{array}$$

$$\begin{array}{r} 14) \quad 6038.08 \\ + \quad 3942.75 \\ + \quad 1903.24 \\ \hline 11884.07 \end{array}$$

$$\begin{array}{r} 15) \quad 7263.8 \\ + \quad 1980.25 \\ + \quad 328.75 \\ \hline 9572.80 \end{array}$$

$$\begin{array}{r} 16) \quad 368.473 \\ + \quad 129.806 \\ + \quad 255.324 \\ \hline 753.603 \end{array}$$

$$\begin{array}{r} 17) \quad 7380.26 \\ + \quad 582.85 \\ + \quad 1632.09 \\ \hline 9595.2 \end{array}$$

$$\begin{array}{r} 18) \quad 8925.37 \\ + \quad 5248.81 \\ + \quad 794.36 \\ \hline 14968.54 \end{array}$$



EQUIVALENT FRACTIONS SHEET 2 ANSWERS

FRACTION STRIPS

1)

| | | | |
|---------------|---------------|---------------|---------------|
| $\frac{1}{2}$ | | $\frac{1}{2}$ | |
| $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ |

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

2)

| | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|
| $\frac{1}{2}$ | | | $\frac{1}{2}$ | | |
| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |

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

3)

| | | |
|---------------|---------------|---------------|
| $\frac{1}{3}$ | $\frac{1}{3}$ | $\frac{1}{3}$ |
| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |
| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |

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

4)

| | | | |
|---------------|---------------|---------------|---------------|
| $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ |
| $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ |
| $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ |

$$\frac{1}{4} = \frac{2}{8}$$

5)

| | | | | |
|---------------|---------------|---------------|---------------|---------------|
| $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ | $\frac{1}{5}$ |
| | | | | |

$$\frac{1}{5} = \frac{2}{10}$$

6)

| | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|
| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |
| | | | | | |

$$\frac{1}{6} = \frac{2}{12}$$

Now use the fraction strips to answer these questions.

7) $\frac{2}{2} = \frac{4}{4}$

8) $\frac{3}{4} = \frac{6}{8}$

9) $\frac{2}{3} = \frac{4}{6}$

10) $\frac{2}{5} = \frac{4}{10}$

11) $\frac{3}{3} = \frac{6}{6}$

12) $\frac{4}{6} = \frac{8}{12}$

13) $\frac{4}{5} = \frac{8}{10}$

14) $\frac{5}{6} = \frac{10}{12}$



EASTER COLOR BY NUMBER: CHICK SUBTRACTION TO 20 COMPLETED

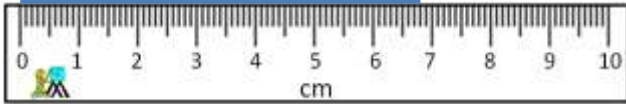
| | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 13-10 | 12-10 | 6-6 | 15-14 | 6-5 | 12-4 | 20-10 | 16-12 | 15-7 | 13-4 | 5-4 | 10-9 | 11-11 | 12-9 | 16-13 | 8-6 |
| 14-11 | 6-4 | 7-5 | 8-8 | 20-3 | 16-6 | 10-3 | 15-8 | 13-6 | 10-6 | 13-5 | 18-8 | 16-15 | 11-9 | 17-16 | 12-10 |
| 8-8 | 13-11 | 5-3 | 14-5 | 13-4 | 11-5 | 19-13 | 13-7 | 10-6 | 14-8 | 13-9 | 4-3 | 7-4 | 10-8 | 15-15 | 2-0 |
| 16-14 | 7-6 | 9-7 | 11-10 | 10-3 | 18-11 | 16-9 | 13-8 | 14-9 | 19-15 | 13-6 | 12-6 | 18-17 | 14-12 | 17-14 | 8-8 |
| 3-0 | 11-8 | 16-15 | 10-8 | 10-5 | 20-15 | 14-8 | 11-4 | 17-10 | 12-5 | 9-3 | 7-3 | 4-1 | 6-6 | 10-9 | 16-13 |
| 14-11 | 8-7 | 3-2 | 5-5 | 18-12 | 14-12 | 13-8 | 20-13 | 15-9 | 8-3 | 13-10 | 12-6 | 8-6 | 14-12 | 20-19 | 13-13 |
| 16-15 | 15-12 | 20-11 | 14-14 | 16-9 | 10-5 | 6-2 | 20-9 | 14-3 | 16-12 | 18-11 | 20-14 | 11-8 | 16-8 | 19-2 | 2-2 |
| 13-10 | 15-6 | 20-0 | 16-10 | 11-4 | 20-16 | 17-5 | 13-2 | 18-5 | 20-7 | 8-3 | 12-6 | 10-3 | 15-11 | 15-13 | 12-11 |
| 9-6 | 13-8 | 8-4 | 7-1 | 15-11 | 18-13 | 16-10 | 11-0 | 13-1 | 12-5 | 20-15 | 5-0 | 6-2 | 18-0 | 13-8 | 15-7 |
| 16-9 | 14-9 | 20-14 | 12-3 | 20-3 | 12-5 | 18-12 | 19-14 | 10-3 | 6-1 | 13-6 | 19-2 | 18-8 | 11-2 | 14-7 | 10-4 |
| 4-1 | 19-12 | 20-6 | 17-1 | 16-8 | 18-1 | 13-8 | 12-6 | 11-3 | 17-11 | 20-12 | 15-6 | 18-3 | 19-5 | 16-2 | 18-17 |
| 20-17 | 13-5 | 17-7 | 13-5 | 20-5 | 19-4 | 16-7 | 20-13 | 14-6 | 16-6 | 16-2 | 17-3 | 14-5 | 20-10 | 20-3 | 13-12 |
| 4-4 | 14-2 | 19-6 | 17-5 | 14-4 | 18-9 | 20-6 | 17-3 | 19-3 | 13-5 | 12-4 | 16-7 | 13-1 | 18-6 | 20-9 | 11-9 |
| 12-12 | 18-0 | 19-9 | 14-2 | 17-5 | 11-0 | 17-9 | 14-5 | 20-10 | 18-7 | 17-4 | 20-7 | 10-1 | 15-3 | 11-3 | 18-15 |
| 20-18 | 19-1 | 17-7 | 15-7 | 12-1 | 19-11 | 18-5 | 16-4 | 20-7 | 15-5 | 16-4 | 13-5 | 20-11 | 19-9 | 20-2 | 16-13 |
| 10-10 | 8-7 | 14-0 | 18-4 | 16-1 | 12-4 | 10-0 | 19-6 | 9-1 | 15-7 | 16-8 | 20-4 | 17-3 | 19-5 | 5-4 | 13-12 |
| 16-15 | 14-11 | 19-10 | 15-6 | 17-3 | 20-4 | 18-3 | 14-6 | 17-7 | 18-2 | 20-6 | 17-2 | 20-12 | 16-14 | 3-0 | 8-5 |
| 16-6 | 7-6 | 11-10 | 19-1 | 13-5 | 10-2 | 17-9 | 19-3 | 20-5 | 16-7 | 13-3 | 10-2 | 20-0 | 9-9 | 12-11 | 18-1 |
| 19-9 | 20-2 | 18-16 | 14-11 | 18-1 | 19-0 | 18-9 | 20-11 | 16-8 | 17-0 | 20-3 | 19-1 | 16-13 | 11-9 | 12-4 | 13-5 |
| 20-10 | 14-6 | 15-6 | 10-9 | 11-8 | 17-7 | 17-0 | 20-3 | 19-1 | 18-0 | 13-4 | 16-13 | 20-18 | 17-9 | 20-2 | 19-11 |

| KEY | | |
|--------------|----------------|----------------|
| 0 to 3 black | 4 to 7 yellow | 8 to 10 blue |
| 11 to 13 red | 14 to 16 green | 17 to 20 white |

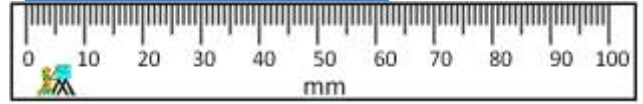


READING SCALES STANDARD 5A ANSWERS

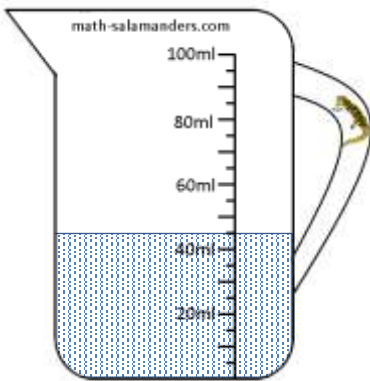
1) How long? 6.8cm



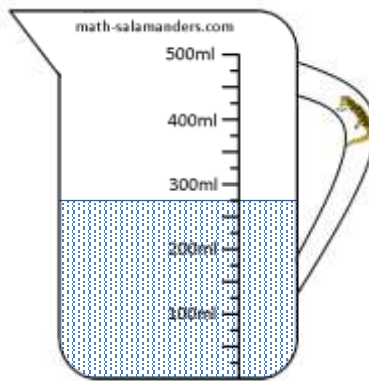
2) How long? 62mm



3) How much? 45ml



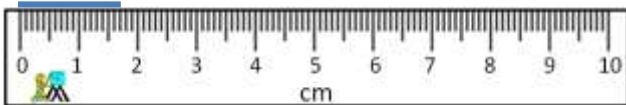
4) How much? 275ml



5) How much? 900ml



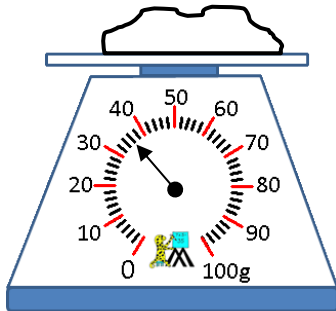
6) How long? 1.7cm



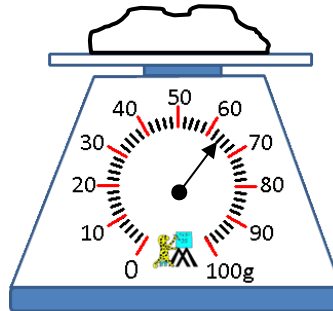
7) How long? 74mm



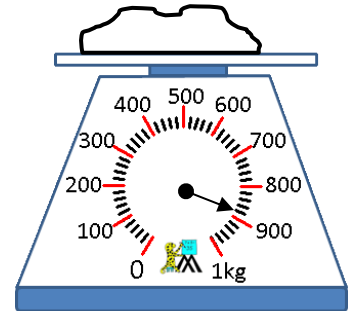
8) How heavy? 36g



9) How heavy? 64g



10) How heavy? 880g



MAKE 10 ANSWERS

Use the numbers in the grid each time.

| | | | | |
|-----|-----|-----|-----|-----|
| 3.2 | 1.9 | 5.4 | 0.7 | 2.6 |
| 9.3 | 4.2 | 6.8 | 1.4 | 8.1 |
| 4.6 | 7.4 | 2.9 | 3.5 | 5.8 |

Challenge 1

Find pairs of numbers that add up to 10.

Try to find 6 different pairs.

$$3.2+6.8 \quad 1.9+8.1 \quad 5.4+4.6 \quad 0.7+9.3 \quad 2.6+7.4$$

$$4.2+5.8$$

Challenge 2

Try to find sets of 3 numbers that add up to make 10.

Try to find 3 different answers.

$$3.2+4.2+2.6 \quad 4.6+3.5+1.9 \quad 5.8+0.7+3.5$$

$$3.2+1.4+5.4 \quad 1.9+0.7+7.4$$

ORDER OF OPERATIONS SHEET 5:1 ANSWERS

- 1) $(4 + 3) \times 2 = 14$
 7×2
- 2) $4 + (3 \times 2) = 10$
- 3) $(2 + 3) \times 5 = 25$
- 4) $2 + (3 \times 5) = 17$
- 5) $(8 - 3) \times 2 = 10$
- 6) $8 - (3 \times 2) = 2$
- 7) $(4 + 2) \times 3 = 18$
- 8) $4 + (2 \times 3) = 10$
- 9) $5 \times 3 + 4 = 19$
- 10) $5 + 3 \times 4 = 17$
- 11) $10 \div 2 + 3 = 8$
- 12) $10 - 6 \div 2 = 7$
- 13) $(4 + 7) \times 3 = 33$
- 14) $4 + 7 \times 3 = 25$
- 15) $10 - 3 \times 2 = 4$
- 16) $(10 - 3) \times 2 = 14$
- 17) $5 + 2 \times 4 = 13$
- 18) $7 \times 2 - 5 = 9$
- 19) $14 - 3 \times 3 = 5$
- 20) $8 + (3 \times 5) = 23$
- 21) $6 \times 3 - 7 = 11$
- 22) $12 \div 2 + 4 = 10$
- 23) $9 - 7 + 6 = 8$
- 24) $9 - (7 + 6) = -4$



EASTER CODEBREAKER 2B ANSWERS

MULTIPLICATION FACTS TO 10X10

Use the clues to work out the answer to the Easter joke.

| | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|----|----|
| A | B | C | D | E | F | H | I | L | M | N | O | R | S | T | U | Y | ! |
| 12 | 30 | 49 | 42 | 24 | 48 | 56 | 20 | 40 | 64 | 36 | 64 | 81 | 18 | 28 | 8 | 32 | 14 |

Did you hear what happened to the rabbits
who went too near the bath?

| | | | | | | | | | | | |
|--------|-----|-----|-----|-----|--|-----|-----|------|-----|--|--|
| Letter | T | H | E | Y | | F | E | L | L | | |
| Number | 28 | 56 | 24 | 32 | | 48 | 24 | 40 | 40 | | |
| Fact | 4x7 | 7x8 | 6x4 | 8x4 | | 6x8 | 4x6 | 10x4 | 8x5 | | |

| | | | | | | | | | | | |
|--------|-----|-----|--|-----|-----|-----|--|-----|-----|-----|-----|
| Letter | I | N | | A | N | D | | B | E | C | A |
| Number | 20 | 36 | | 12 | 36 | 42 | | 30 | 24 | 49 | 12 |
| Fact | 5x4 | 4x9 | | 4x3 | 9x4 | 6x7 | | 5x6 | 3x8 | 7x7 | 6x2 |

| | | | | | | | | | | | |
|--------|-----|-----|--|-----|-----|-----|--|-----|-----|-----|-----|
| Letter | M | E | | H | O | T | | C | R | O | S |
| Number | 64 | 24 | | 56 | 64 | 28 | | 49 | 81 | 64 | 18 |
| Fact | 8x8 | 4x6 | | 8x7 | 8x8 | 7x4 | | 7x7 | 9x9 | 8x8 | 3x6 |

| | | | | | | | | | | | |
|--------|-----|--|------|-----|-----|-----|-----|-----|-----|-----|--|
| Letter | S | | B | U | N | N | I | E | S | ! | |
| Number | 18 | | 30 | 8 | 36 | 36 | 20 | 24 | 18 | 14 | |
| Fact | 9x2 | | 10x3 | 2x4 | 4x9 | 6x6 | 4x5 | 8x3 | 2x9 | 7x2 | |



NUMBER FILL IN PUZZLE 2 ANSWERS

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | | 8 | | 9 | 3 | 2 | 0 | 5 | | | 1 |
| 2 | 7 | 0 | 5 | 4 | | 0 | | 3 | 1 | 6 | 5 |
| 4 | | 2 | | 2 | | 1 | | 4 | | | 9 |
| 1 | | 3 | 1 | 6 | 4 | 8 | | 6 | | | 7 |
| 7 | | | 4 | | 6 | | 3 | 2 | 1 | 4 | 2 |
| 9 | 7 | 1 | 3 | 0 | 2 | | 6 | | | 3 | |
| | 0 | | | | 9 | 4 | 8 | 7 | | 8 | |
| 3 | 6 | 4 | 8 | | | 5 | | | 5 | 2 | 7 |
| | 5 | | 6 | 4 | 2 | 1 | 7 | | 2 | | 9 |
| 2 | | | 0 | | 9 | | 0 | | 8 | | 3 |
| 6 | 2 | 7 | 1 | | 3 | | 2 | 3 | 7 | 8 | 1 |
| 5 | | | 5 | 8 | 4 | | | | 6 | | |

| 3 DIGITS | 4 DIGITS | | 5 DIGITS | | 6 DIGITS |
|----------|----------|------|------------------|-------|-------------------|
| 143 | 2018 | 6271 | 15972 | 52876 | 324179 |
| 265 | 2934 | 7065 | 23781 | 53462 | 971302 |
| 368 | 3165 | 7931 | 27054 | 64217 | |
| 451 | 3648 | 8023 | 31648 | 86015 | |
| 527 | 4382 | 9426 | 32142 | 93205 | |
| 584 | 4629 | 9487 | | | |
| 702 | | | | | |



1.. 2.. 3.. 4.. CHALLENGE ANSWERS

Use each of the digits 1, 2, 3 and 4 once in each calculation to make numbers from 1 to 20. Remember to use brackets!

There are several ways that you can make most of the numbers below. We have included an example for each number.

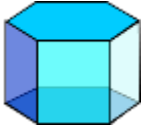
| | | | |
|------------------------------------|------|---|------|
| $\underline{3 + 2 - 4 \times 1}$ | = 1 | $\underline{4 \times 2 + 3 \times 1}$ | = 11 |
| $\underline{3 + 2 + 1 - 4}$ | = 2 | $\underline{(4 + 3 - 1) \times 2}$ | = 12 |
| $\underline{4 + 2 - 3 \times 1}$ | = 3 | $\underline{(4 + 3) \times 2 - 1}$ | = 13 |
| $\underline{4 + 3 - 2 - 1}$ | = 4 | $\underline{4 \times 3 + 2 \times 1}$ | = 14 |
| $\underline{4 + 3 - 2 \times 1}$ | = 5 | $\underline{(4 + 2 - 1) \times 3}$ | = 15 |
| $\underline{4 + 3 + 1 - 2}$ | = 6 | $\underline{(4 + 3 + 1) \times 2}$ | = 16 |
| $\underline{(4 - 2) \times 3 + 1}$ | = 7 | $\underline{(4 + 2) \times 3 - 1}$ | = 17 |
| $\underline{4 + 3 + 2 - 1}$ | = 8 | $\underline{(4 \times 1 + 2) \times 3}$ | = 18 |
| $\underline{3 \times 4 - 2 - 1}$ | = 9 | $\underline{(4 + 2) \times 3 + 1}$ | = 19 |
| $\underline{4 \times 2 + 3 - 1}$ | = 10 | $\underline{(3 \times 1 + 2) \times 4}$ | = 20 |

Extension:

| | | | |
|--|------|---|------|
| $\underline{(3 + 2) \times 4 + 1}$ | = 21 | $\underline{(4 \times 3 + 1) \times 2}$ | = 26 |
| $\underline{(4 \times 3 - 1) \times 2}$ | = 22 | $\underline{(4 \times 2 + 1) \times 3}$ | = 27 |
| $\underline{4 \times 3 \times 2 - 1}$ | = 23 | $\underline{(3 \times 2 + 1) \times 4}$ | = 28 |
| $\underline{4 \times 3 \times 2 \times 1}$ | = 24 | $\underline{\text{impossible}}$ | = 29 |
| $\underline{(4 + 1) \times (3 + 2)}$ | = 25 | $\underline{(4 + 1) \times 3 \times 2}$ | = 30 |

If you are allowed to combine digits, then you can make 29 using $32 - 4 + 1$

MENTAL MATH QUIZ 5:1 ANSWERS

| | | |
|-----|--|--|
| 1) | $27 + 0.6 + 0.02$ | 27.62 |
| 2) | $360 \div 4$ | 90 |
| 3) | How many edges?  | 18 |
| 4) | I have a litre bottle of cola. I drink 650ml. How much is left? | 350ml |
| 5) | Which two numbers have a sum of 15 and a product of 36? | 3 and 12 |
| 6) | How many quarts make 5 gallons? | 20 |
| 7) | $4 \frac{1}{3} - \frac{2}{3}$ | $3 \frac{2}{3}$ |
| 8) | Write down all the factors of 33. _____ | 1 3 11 33 |
| 9) | Which of these numbers is not a multiple of 3? 81 111 73 27 105 | 73 |
| 10) | Flight time from Houston to Orlando is 2 hours to 20 minutes. I arrive at Orlando at 4:15pm. What time did I set off? | 1:55pm |
| 11) | What is $\frac{3}{4}$ of 20m? | 15m |
| 12) | What is the value of $3(x - 6)$ when $x = 11$? | 15 |
| 13) | At a wildlife center, adult entry is \$12 and child entry is \$8. I pay for 2 adults and 3 children with a \$50 bill. How much change? | \$2 |
| 14) | The time is a quarter to 7 in the evening. Write this in 24 clock time. | 18:45 |
| 15) | A kid's skipping rope is 7ft long. How many ropes could I cut from a 10-yard-long piece of rope? | 4 |
| 16) | Number cards from 1 to 10 are placed in a bag. Flame chooses a card at random. What is the chance that it is a multiple of 4? | $\frac{2}{10}$ or $\frac{1}{5}$ |
| 17) | Write down all the prime numbers between 10 and 20. | 11, 13, 17, 19 |
| 18) | How many thirds make 5? | 15 |

