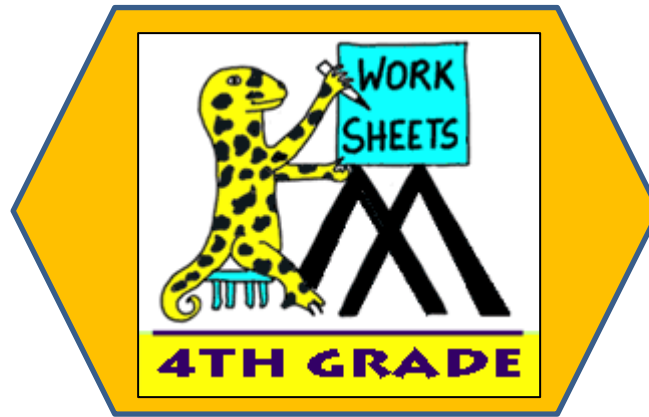


# MATH SALAMANDERS 4TH GRADE MATH GRAB PACK 5 ANSWERS



Here are answers to all the worksheets in 4th Grade Math Grab Pack 5.

CONTENTS			
1	Compare 5-Digit Numbers Sheet 2	7	Tyger's Money Square Challenge 4A
2	6-Digit Number Challenge 1	8	Compare Fractions with Diagrams 2
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6	Newton's Missing Product 4A		

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>



## COMPARING 5 DIGIT NUMBERS 2 ANSWERS

1) 79127	>	60328	11) 76245	<	76425	21) 20816	=	20816
2) 9746	<	21452	12) 52473	=	52473	22) 62547	<	62745
3) 80104	>	59826	13) 90611	>	67588	23) 4238	<	41702
4) 56041	=	56041	14) 13087	>	10783	24) 32518	<	33082
5) 11092	>	10846	15) 56728	<	62023	25) 77109	=	77109
6) 66701	<	66710	16) 47095	<	59074	26) 62508	<	62580
7) 58294	>	52894	17) 23108	<	28013	27) 51284	>	51248
8) 65182	>	43281	18) 29184	=	29184	28) 60327	>	60237
9) 7526	<	34611	19) 90356	>	62499	29) 47208	>	45872
10) 85046	<	86045	20) 65274	>	7892	30) 81906	>	81609

Compare these amounts.

31)	52614	>	50000 + 2000 + 597
32)	67193	<	67000 + 200
33)	30000 + 700 + 24	<	37000 + 15
34)	80972	=	80000 + 900 + 72
35)	64000 + 295	>	60000 + 3400
36)	73000 + 247	>	73200 + 35
37)	90000 + 6000 + 85	<	96000 + 180
38)	54000 + 240 + 6	=	50000 + 4200 + 46
39)	70000 + 5300 + 28	<	75000 + 330 + 6
40)	21000 + 37	>	2000 + 100 + 46



## 6 DIGIT NUMBER CHALLENGES 1 ANSWERS

Use the digits 1, 2, 4, 5, 7 and 8 each time.

1)	What is the largest 6 digit number you can make with the digits?	875,421
2)	Subtract 900 from this number.	874,521
3)	What is the smallest 6 digit number you can make?	124,578
4)	Add 90,000 to this number.	214,578
5)	What is the largest multiple of 5 you can make?	874,215
6)	What is the smallest odd number you can make?	124,587
7)	What is the closest number to 600,000 you can make?	587,421
8)	Make a 6 digit number which is divisible by 3.	any 6-digit number made with the digits in any order
9)	Make a 6 digit number which is divisible by 4.	the last 2 digits must be divisible by 4, e.g. 876,124
10)	Write down 5 different numbers between 240,000 and 250,000 that you can make.	<b>Any 5 of these 6</b> 241,578 241, 587 241, 758 241, 785 241, 857 241, 875
11)	Write these 5 numbers in order from smallest to largest.	See above
12)	<b>Look at the number 275,418</b>	
	Round it to the nearest 10.	275,420
	Round it to the nearest 100.	275,400
	Round it to the nearest 1000.	275,000
	Round it to the nearest 10,000.	280,000
	Round it to the nearest 100,000.	300,000

# ROUNDING CHALLENGES 6 ANSWERS

## CHALLENGE A

- I am a 3-digit number.
- My tens digit is even, but I am odd.
- If you round me to the nearest 10, I round up.
- I am 400 rounded to the nearest 100.

Who am I?

378	411	463	<u>367</u>
426	391	443	296

## CHALLENGE B

- I am a 4-digit number.
- If you round me to the nearest 100, I round down.
- I am 8000 rounded to the nearest 1000.
- My tens digit is a multiple of 3.

Who am I?

7264	<u>7538</u>	7641	8092
8427	8164	7744	865



## MULTIPLES AND FACTORS SHEET 4:1 ANSWERS

1) Circle the numbers below which are multiples of 70:

230    **140**    **280**    330    **490**    610

2) Circle the numbers below which are factors of 30:

**5**    12    8    **2**    60    **6**

3) Fill in the table below

NUMBER	MULTIPLE OF 3	FACTOR OF 36
15	YES	NO
13	NO	NO
6	YES	YES
10	NO	NO
4	NO	YES
21	YES	NO
12	YES	YES

4) Circle the numbers below which are prime numbers.

16    **11**    15    27    **23**    **2**

5) Can you find all 6 factors of 32?

1    2    4    8    16    32

6) I am a multiple of 13. I have 2 digits and I am odd and also a multiple of 5. Who am I? **65**



## MULTIPLICATION: 3 DIGITS BY 1 DIGIT SHEET 3 ANSWERS

$$\begin{array}{r} 1) \quad 127 \\ \times \quad 6 \\ \hline 762 \end{array}$$

$$\begin{array}{r} 2) \quad 529 \\ \times \quad 5 \\ \hline 2645 \end{array}$$

$$\begin{array}{r} 3) \quad 121 \\ \times \quad 8 \\ \hline 968 \end{array}$$

$$\begin{array}{r} 4) \quad 604 \\ \times \quad 2 \\ \hline 1208 \end{array}$$

$$\begin{array}{r} 5) \quad 438 \\ \times \quad 4 \\ \hline 1752 \end{array}$$

$$\begin{array}{r} 6) \quad 135 \\ \times \quad 7 \\ \hline 945 \end{array}$$

$$\begin{array}{r} 7) \quad 216 \\ \times \quad 9 \\ \hline 1944 \end{array}$$

$$\begin{array}{r} 8) \quad 438 \\ \times \quad 6 \\ \hline 2628 \end{array}$$

$$\begin{array}{r} 9) \quad 107 \\ \times \quad 8 \\ \hline 856 \end{array}$$

$$\begin{array}{r} 10) \quad 340 \\ \times \quad 5 \\ \hline 1700 \end{array}$$

$$\begin{array}{r} 11) \quad 831 \\ \times \quad 6 \\ \hline 4986 \end{array}$$

$$\begin{array}{r} 12) \quad 243 \\ \times \quad 9 \\ \hline 2187 \end{array}$$

$$\begin{array}{r} 13) \quad 638 \\ \times \quad 7 \\ \hline 4466 \end{array}$$

$$\begin{array}{r} 14) \quad 432 \\ \times \quad 6 \\ \hline 2592 \end{array}$$

$$\begin{array}{r} 15) \quad 703 \\ \times \quad 8 \\ \hline 5624 \end{array}$$

$$\begin{array}{r} 16) \quad 374 \\ \times \quad 8 \\ \hline 2992 \end{array}$$

$$\begin{array}{r} 17) \quad 609 \\ \times \quad 7 \\ \hline 4263 \end{array}$$

$$\begin{array}{r} 18) \quad 236 \\ \times \quad 9 \\ \hline 2124 \end{array}$$



# NEWTON'S MISSING PRODUCT 4A ANSWERS

















Write the digits 1 to 6 in the squares below to make the product correct.

$$\begin{array}{r}
 \begin{array}{|c|} \hline 1 \\ \hline \end{array}
 \begin{array}{|c|} \hline 5 \\ \hline \end{array}
 \begin{array}{|c|} \hline 4 \\ \hline \end{array} \\
 \times \qquad \qquad \qquad \begin{array}{|c|} \hline 3 \\ \hline \end{array} \\
 \hline
 \begin{array}{|c|} \hline 4 \\ \hline \end{array}
 \begin{array}{|c|} \hline 6 \\ \hline \end{array}
 \begin{array}{|c|} \hline 2 \\ \hline \end{array}
 \end{array}$$



# TYGER'S MONEY SQUARE CHALLENGE 4A ANSWERS

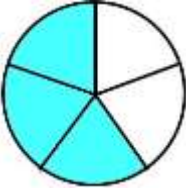

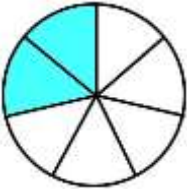
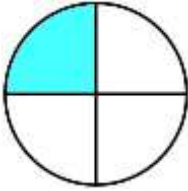

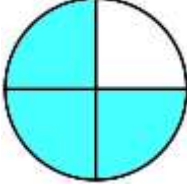
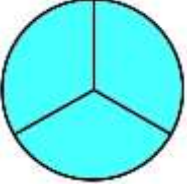
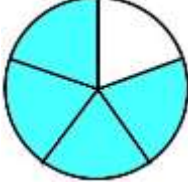
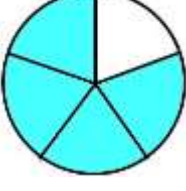
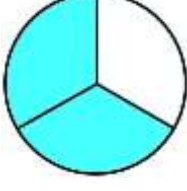
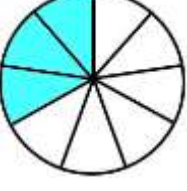
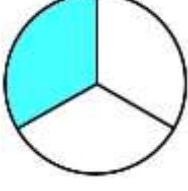
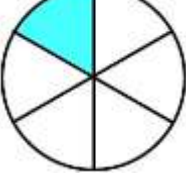
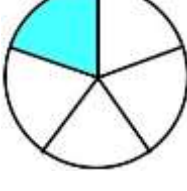
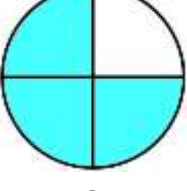
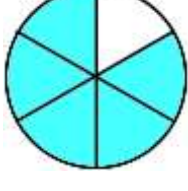
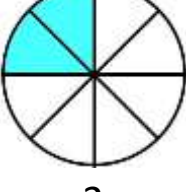
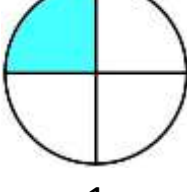
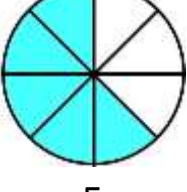
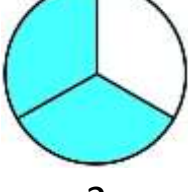


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				56¢
				21¢
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## COMPARING FRACTION WITH DIAGRAMS SHEET 2 ANSWERS

<p>1)</p>  $\frac{3}{5}$ <p>&lt;</p>  $\frac{2}{3}$	<p>6)</p>  $\frac{2}{7}$ <p>&gt;</p>  $\frac{1}{4}$
<p>2)</p>  $\frac{2}{3}$ <p>&lt;</p>  $\frac{3}{4}$	<p>7)</p>  $\frac{3}{3}$ <p>&gt;</p>  $\frac{4}{5}$
<p>3)</p>  $\frac{4}{5}$ <p>&gt;</p>  $\frac{2}{3}$	<p>8)</p>  $\frac{3}{9}$ <p>=</p>  $\frac{1}{3}$
<p>4)</p>  $\frac{1}{6}$ <p>&lt;</p>  $\frac{1}{5}$	<p>9)</p>  $\frac{3}{4}$ <p>&lt;</p>  $\frac{5}{6}$
<p>5)</p>  $\frac{2}{8}$ <p>=</p>  $\frac{1}{4}$	<p>10)</p>  $\frac{5}{8}$ <p>&lt;</p>  $\frac{2}{3}$



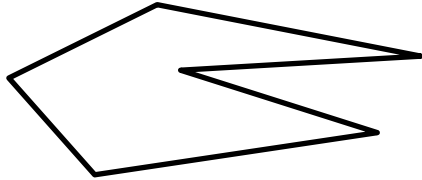
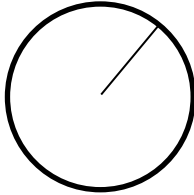
# QUADRA'S OPERATION PUZZLE 4 ANSWERS

For some calculations, more than one answer may be valid.

10	÷	2	+	3	=	8
5	×	4	=	2	×	10
10	-	6	=	20	÷	5
8	=	6	-	2	+	4
9	-	7	=	12	÷	6
9	+	7	=	4	×	4
3	×	4	=	20	-	8
11	=	2	×	5	+	1
24	÷	3	+	2	=	10
5	=	28	÷	4	-	2



## MENTAL MATH QUIZ 4:5 ANSWERS

1)	Halve 5.4	<b>2.7</b>
2)	What is the <b>mean</b> of 6, 7 and 2?	<b>5</b>
3)	$0.8 \times 4$	<b>3.2</b>
4)	What is the name of this shape? 	<b>hexagon</b>
5)	Three <b>consecutive</b> numbers add up to 21. What are they?	<b>6,7 and 8</b>
6)	What is this part of the circle called? <i>diameter radius chord sector</i> 	<b>radius</b>
7)	What is the value of $3z + 4$ if $z=5$ ?	<b>19</b>
8)	$1.75 \times 10$	<b>17.5</b>
9)	$40 \div 5 = 20 - \underline{\quad}$	<b>12</b>
10)	Which of these numbers is <b>divisible</b> by 3? 76 53 81 94 62	<b>81</b>
11)	In a throwing competition, Tyger throws 615cm, Captain throws $4\frac{1}{2}$ m. How much further did Tyger throw?	<b>1.65m or 165cm</b>
12)	Write down a prime number between 20 and 30.	<b>23 or 29</b>
13)	8km is about 5 miles. How many km in 35 miles?	<b>56km</b>
14)	Reduce $\frac{28}{32}$ to its lowest terms.	<b><math>\frac{7}{8}</math></b>
15)	In a class, $\frac{3}{5}$ of the children are going to a special event. If there are 30 children in the class, how many are going?	<b>18</b>
16)	I set off from home at 8:55am. I arrive at 10:40am. How many minutes was my journey?	<b>105minutes</b>

