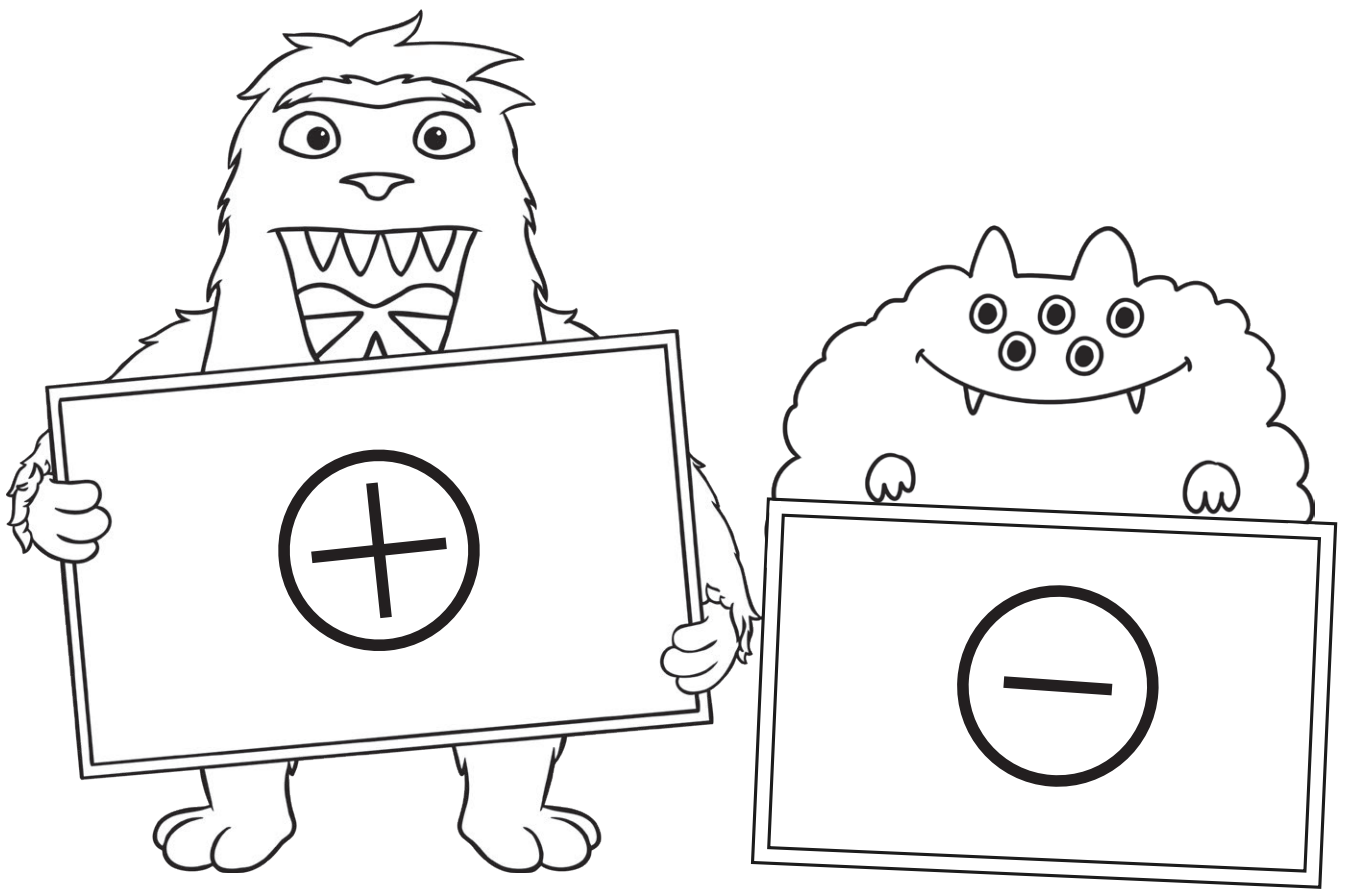


Year 4 Maths Addition and Subtraction Workbook - Answers



Year 4 Maths Addition and Subtraction Workbook - Answers

Year 4 Programme of Study – Addition and Subtraction

Statutory Requirements	Worksheet	Page Number	Notes
Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.	Large Numbers Addition Worksheet	3	
	Missing Number Three Digit Addition	4	
	Addition Pyramids Worksheet 2	5 - 7	
	Repeated Subtraction of a Factor	8	
	Find Missing Numbers in Column Subtraction Sums	9	
Estimate and use inverse operations to check answers to a calculation.	Estimate Answers Speed Challenge	10	
	Using Inverse Operations to check Addition and Subtraction Calculations	11	
Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	Multi-step Problems Around the World Flights	12	
	Solving Two Step Addition and Subtraction Word Problems	13 - 14	

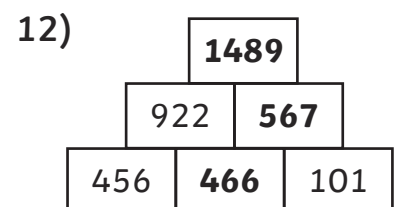
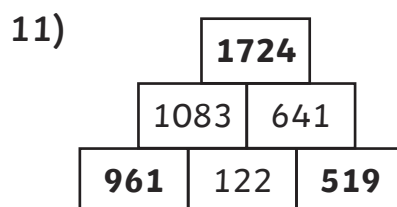
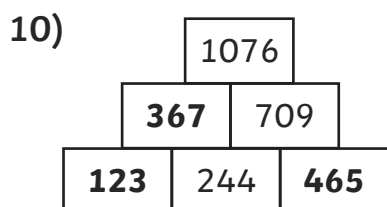
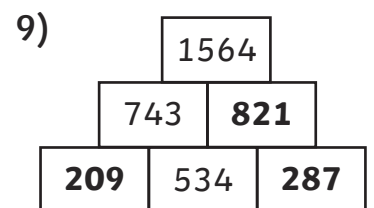
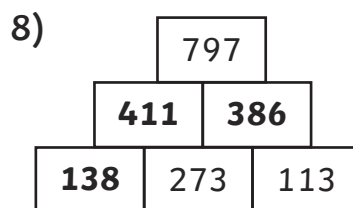
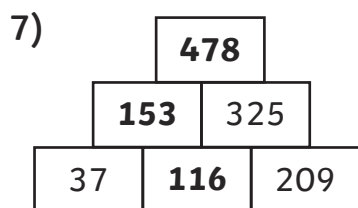
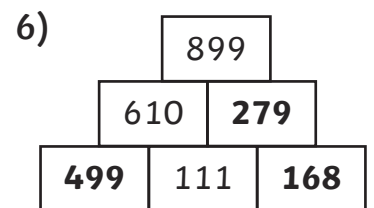
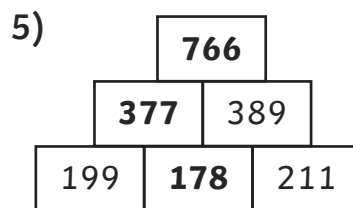
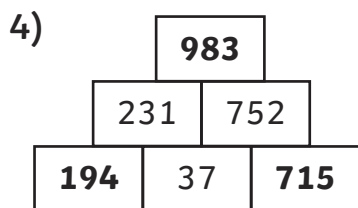
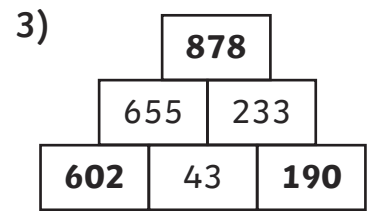
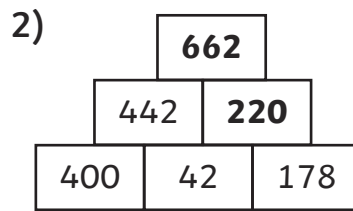
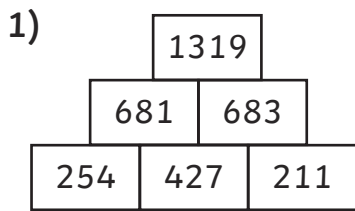
Large Numbers

Addition Worksheet

Question	Answer
a	5551
b	3618
c	10 602
d	4754
e	3062
f	3247
g	6104
h	10 015
i	7404
j	7265
k	15 171
l	16 659
m	11 605
n	15 725
o	10 503
p	11 485
q	8669
r	3660

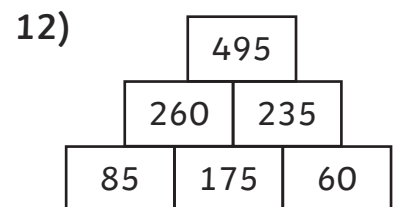
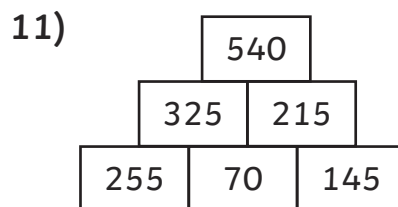
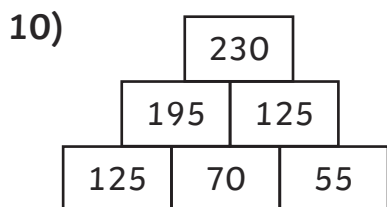
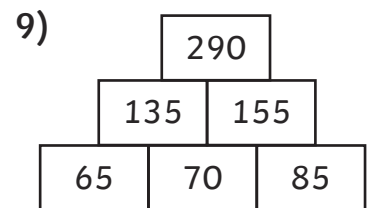
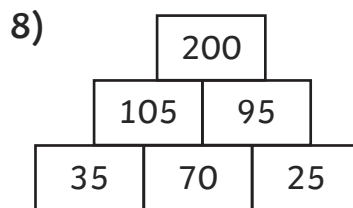
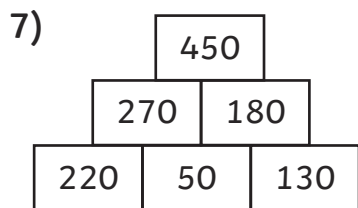
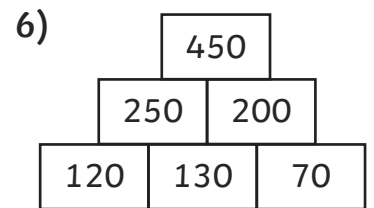
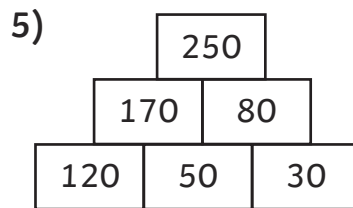
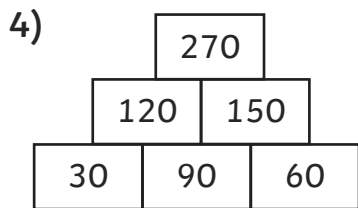
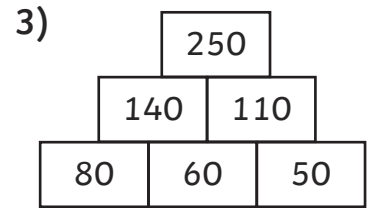
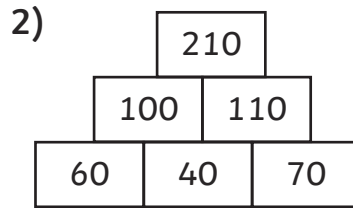
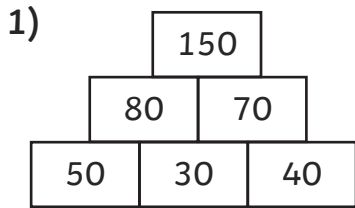
Addition Pyramids Worksheet 1

Use addition and subtraction calculations to complete these pyramids. The first one has been done for you.



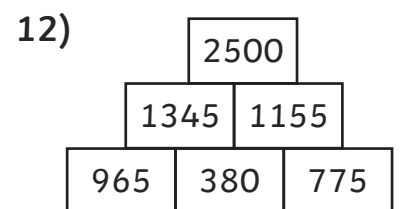
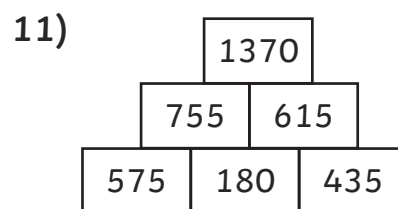
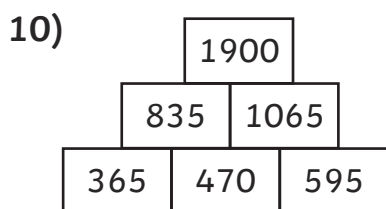
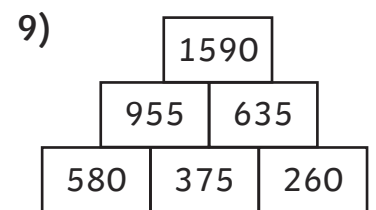
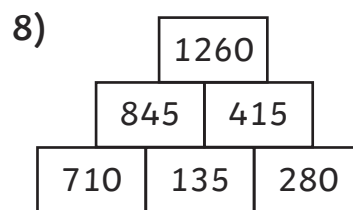
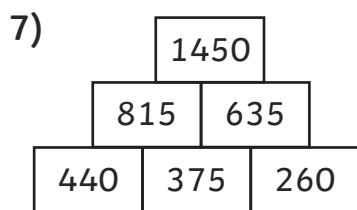
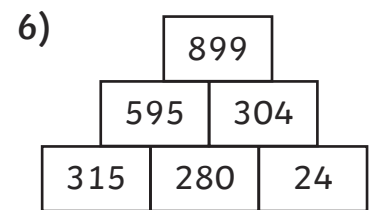
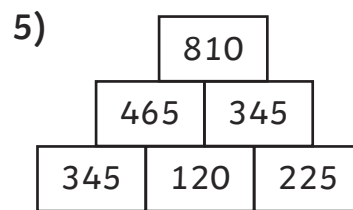
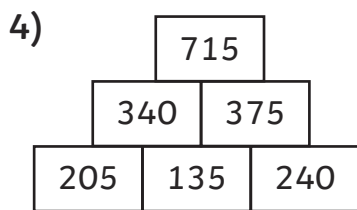
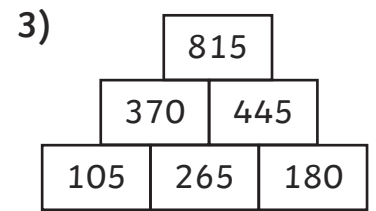
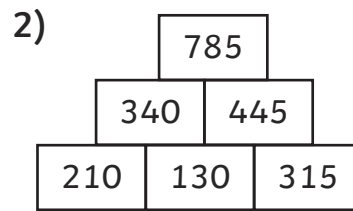
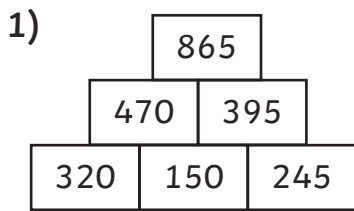
Addition Pyramids Worksheet 2

Use addition and subtraction calculations to complete these pyramids. The first one has been done for you.



Addition Pyramids Worksheet 3

Use addition and subtraction calculations to complete these pyramids. The first one has been done for you.



Repeated Subtraction of a Factor Answers

Question	Answer				
1	136	102	68	34	0
2	588	441	294	147	0
3	1448	1086	724	362	0
4	1716	1287	858	429	0
5	5704	4278	2852	1426	0

Finding Missing Numbers in Column Subtraction Calculations Answers

Use these digit cards just once to fill all of the gaps in the calculations.



$$\begin{array}{r} 657 \\ - 359 \\ \hline 29\boxed{8} \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{7}3\boxed{6} \\ - 452 \\ \hline 284 \\ \hline \end{array}$$

$$\begin{array}{r} 871 \\ - 199 \\ \hline 67\boxed{2} \\ \hline \end{array}$$

$$\begin{array}{r} 91\boxed{9} \\ - 878 \\ \hline 41 \\ \hline \end{array}$$

$$\begin{array}{r} 1\boxed{3}69 \\ - 275 \\ \hline 1094 \\ \hline \end{array}$$

$$\begin{array}{r} 2612 \\ - 17\boxed{5}8 \\ \hline 854 \\ \hline \end{array}$$

$$\begin{array}{r} 3269 \\ - 1652 \\ \hline \boxed{1}617 \\ \hline \end{array}$$

$$\begin{array}{r} 5\boxed{4}12 \\ - 693 \\ \hline 4719 \\ \hline \end{array}$$

$$\begin{array}{r} 8\boxed{0}08 \\ - 4782 \\ \hline 3226 \\ \hline \end{array}$$

Estimate Answers Speed Challenge Answers

Question	Answer			
	List 1 Allowable Range = 10	List 2 Allowable Range = 50	List 3 Allowable Range = 100	List 4 Allowable Range = 500
1	50 - 60	150 - 200	200 - 300	2250 - 2750
2	65 - 75	150 - 200	200 - 300	4000 - 4500
3	85 - 95	200 - 250	450 - 550	7750 - 8250
4	75 - 85	225 - 275	550 - 650	7750 - 8250
5	135 - 145	300 - 350	450 - 550	10 000 - 10 500
6	110 - 120	350 - 400	650 - 750	7500 - 8000
7	140 - 150	425 - 475	750 - 850	9750 - 10 250
8	165 - 175	575 - 625	950 - 1050	5500 - 6000
9	175 - 185	540 - 590	1200 - 1300	10 250 - 10 750
10	190 - 200	1025 - 1075	1275 - 1375	13 000 - 13 500

Using Inverse Operations to Check Addition and Subtraction Calculations

Answers

Question	Answer	
A.		
1	$459 - 446 = 13$	Wrong!
2	$75 + 69 = 144$	Correct!
3	$826 - 459 = 367$	Correct!
4	$182 + 596 = 778$	Wrong!
5	$1662 - 1378 = 284$	Wrong!
6	$942 + 478 = 1420$	Wrong!
7	$4299 - 1512 = 2787$	Wrong!
8	$770 + 1687 = 2457$	Correct!

Around the World Flights

Answers

Question	Answer
1	$£389 + £258 = £647$ $£1000 - £647 = £353$ change
2	$£701 + £538 = £1239$ $£1239 - £1197 = £42$ saving
3	$£701 + £200 = £901$ $£1000 - £901 = £99$
4	Buenos Aires – Cairo - Tokyo $£637 + £452 = £1089$ *CHEAPEST* Buenos Aires – New York – London – Cairo – Tokyo $£299 + £389 + £258 + £452 = £1398$
5	Via London = $£389 + £701 = £1090$ *CHEAPEST*/ Via Cairo = $£676 + £452 = £1128$
6	London – Cairo – New York – London $£258 + £676 + £389 = £1323$ $£1500 - £1323 = £177$

Solving Two Step Addition and Subtraction Word Problems

answers

Question	Answer
1	$£286 - (39 + £59)$ £188 more to save
2	$900 - (687 + 174)$ 39 people
3	$(875 - 323) + 875$ 1427 packets of crisps
4	$£1760 - (1485 + £217)$ £58 less
5	$2020 - (1564 + 52)$ 404 years