Two Step Problems

Name:

Solve each problem.

4	2	2	6	3
7	8	2	5	7

1) The cafeteria had 75 apples. For lunch they handed out 47 to students and decided to use the rest to make pies. If each pie takes 4 apples, how many pies could they make?

2) Paige uploaded 74 pictures to Facebook. She put 47 pics into one album and put the rest into 9 different albums. How many pictures were in each of the 9 albums?

3) There are 13 students trying out for the school's trivia teams. If 3 of them didn't get picked for the team and the rest were put into 2 groups, how many students would be in each group?

4) Gwen's team won their baseball game and scored 42 points total. If Gwen scored 18 of the points and everyone else scored 6 points each, how many players were on her team?

5) A store had 21 coloring books in stock. They ended up putting them on sale and getting rid of 7 of them. The put the ones they still had onto shelves with 7 on each shelf. How many shelves did they use?

6) Tom bought 48 tickets at the state fair. He spent 38 tickets at the 'dunk a clown' booth and decided to use the rest on rides. If each ride cost 5 tickets, how many rides could he go on?

7) Amy had 67 homework problems. She finished 25 of them but still had 7 pages of problems to do. If each page has the same number of problems on it, how many problems are on each page?

8) Roger made 70 dollars mowing lawns over the summer. If he spent 14 dollars buying new mower blades, how many 7 dollar games could he buy with the money he had left?

9) Mike had 83 pieces of clothing to wash. He put 41 of them in one load, but decided to split the rest into 6 equal loads. How many pieces of clothing could go in each of the small loads?

10) Maria baked 13 cupcakes for her school's bake sale. If her brother, Todd, ate 9 of them how many packages could she make if she put 2 cupcake in each package?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Subtracting Across Zero

Name:

Use subtraction to solve the following problems.

3,927	1,093	13,656	873	25,397
24,067	1,788	474	8,706	3,773
6,552	90			

1) 7,006 - 3,233

2) 50,005 - 24,608

3) 9,056 - 5,129

4) 2,603 - 815

5) 901 - 28

6) 702 - 228

7) 90,097 - 76,441

8) 40,064 - 15,997

9) 80,008 - 71,302

10) 8,039 - 1,487

11) 3,407 - 2,314

12) 307 - 217

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name _____ Date _____

MULTIPLYING USING PARTIAL PRODUCTS

Use the partial products strategy to solve the problems.

A local farm planted 3,498 crops last month. If they plant the same number of crops each month, how many crops will they have planted after 4 months?

_____ crops

The basketball team practices for 2,578 minutes each month. If they practice for 5 months, how many minutes do they practice in total?

_____ minutes

A truck driver drives 5,498 miles each month. How many miles does the truck driver drive in 6 months?

_____ miles

A group of students read for a total of 6,382 minutes each month. If they read for the same number of minutes each month, how many minutes do they read in 7 months?

_____ minutes

Name _____ Date _____

MULTIPLYING USING PARTIAL PRODUCTS

Use the partial products strategy to solve the problems.

A library receives a shipment of 5,478 books each year. How many books will the library have after 8 years?

_____ books

A group of students practice their instruments for 4,983 minutes each month. How many minutes do they practice for in 5 months?

_____ minutes

An artist painted 6 portraits. Each portrait costs $8,325. How much do the 6 portraits cost combined?

$_____

A local food drive collected 7,983 cans of food last month. If they collect the same amount of cans each month, how many cans will they have after 9 months?

_____ cans

Grid Multiplication

Name: _____ Date: _____

Use the grids to solve the multiplication problems.

(1) 94 x 28 =

x	90	4		
20	1,800	80	=	1,880
8	720	32	=	752
		TOTAL:		2,632

(2) 90 x 97 =

x				
			=	
			=	
		TOTAL:		

(3) 46 x 23 =

x				
			=	
			=	
		TOTAL:		

(4) 14 x 65 =

x				
			=	
			=	
		TOTAL:		

(5) 82 x 64 =

x				
			=	
			=	
		TOTAL:		

(6) 65 x 44 =

x				
			=	
			=	
		TOTAL:		

(7) 38 x 51 =

x				
			=	
			=	
		TOTAL:		

(8) 50 x 87 =

x				
			=	
			=	
		TOTAL:		

(9) 84 x 70 =

x				
			=	
			=	
		TOTAL:		

(10) 56 x 73 =

x				
			=	
			=	
		TOTAL:		

Grid Multiplication

Name: _____ Date: _____

Use the grids to solve the multiplication problems.

(1) 74 x 25 =

x	70	4
20		
5		

= _____
= _____

TOTAL:

(2) 12 x 80 =

x	10	2
80		
0		

= _____
= _____

TOTAL:

(3) 54 x 54 =

x	50	4
50		
4		

= _____
= _____

TOTAL:

(4) 67 x 86 =

x	60	7
80		
6		

= _____
= _____

TOTAL:

(5) 55 x 58 =

x	50	5
50		
8		

= _____
= _____

TOTAL:

(6) 93 x 73 =

x	90	3
70		
3		

= _____
= _____

TOTAL:

(7) 34 x 94 =

x	30	4
90		
4		

= _____
= _____

TOTAL:

(8) 37 x 53 =

x	30	7
50		
3		

= _____
= _____

TOTAL:

(9) 60 x 32 =

x	60	0
30		
2		

= _____
= _____

TOTAL:

(10) 77 x 94 =

x	70	7
90		
4		

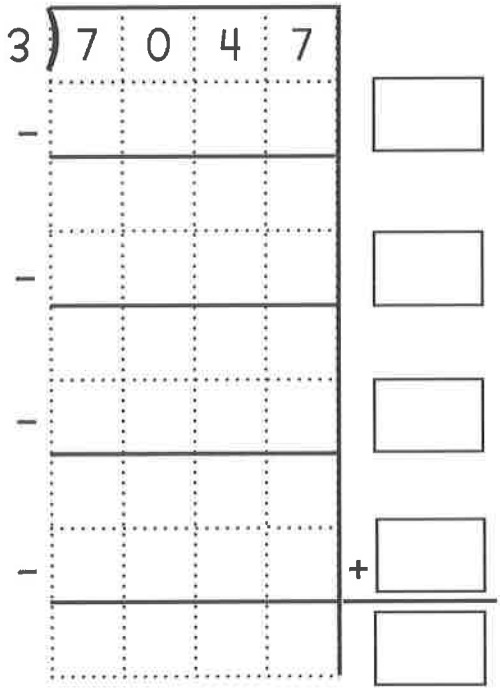
= _____
= _____

TOTAL:

Name _____ Date _____

DIVISION USING PARTIAL QUOTIENTS
Four-Digit Dividends with No Remainders

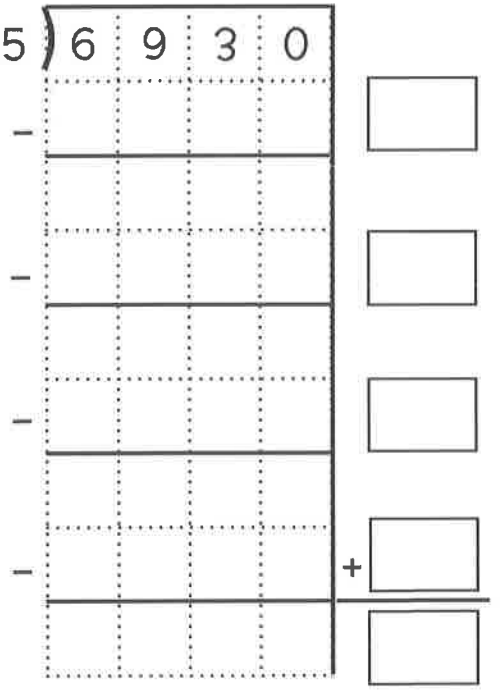
1)



Easy Multiples

3 x 1 = ____
3 x 2 = ____
3 x 5 = ____
3 x 10 = ____
3 x 20 = ____
3 x 50 = ____
3 x 100 = ____
3 x 200 = ____
3 x 500 = ____
3 x 1,000 = ____
3 x 2,000 = ____

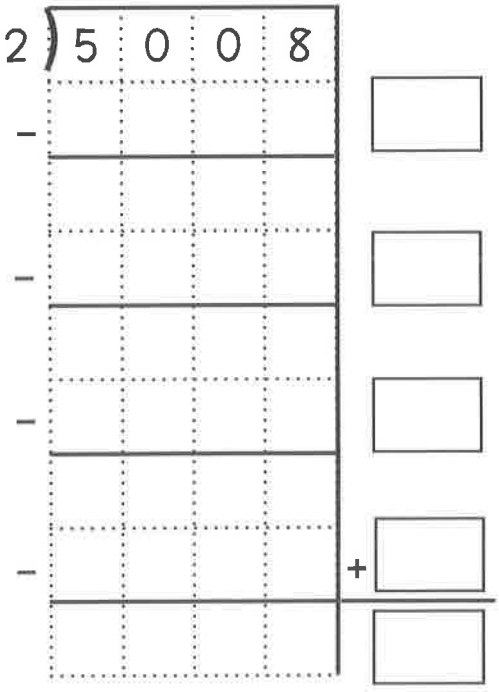
2)



Easy Multiples

5 x 1 = ____
5 x 2 = ____
5 x 5 = ____
5 x 10 = ____
5 x 20 = ____
5 x 50 = ____
5 x 100 = ____
5 x 200 = ____
5 x 500 = ____
5 x 1,000 = ____
5 x 2,000 = ____

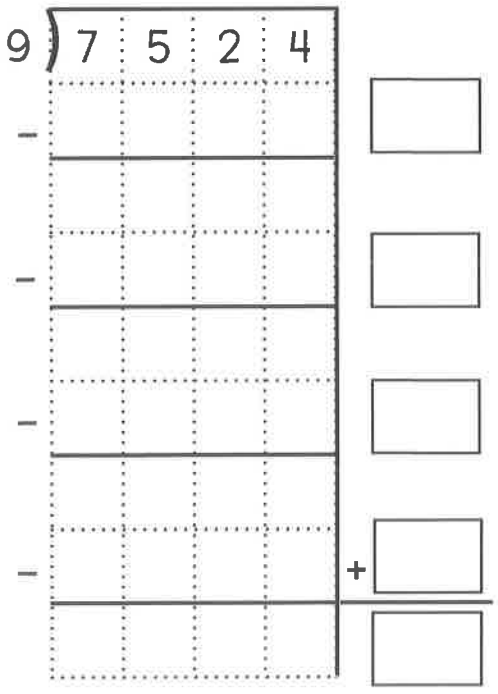
3)



Easy Multiples

2 x 1 = ____
2 x 2 = ____
2 x 5 = ____
2 x 10 = ____
2 x 20 = ____
2 x 50 = ____
2 x 100 = ____
2 x 200 = ____
2 x 500 = ____
2 x 1,000 = ____
2 x 2,000 = ____

4)



Easy Multiples

9 x 1 = ____
9 x 2 = ____
9 x 5 = ____
9 x 10 = ____
9 x 20 = ____
9 x 50 = ____
9 x 100 = ____
9 x 200 = ____
9 x 500 = ____
9 x 1,000 = ____

Name _____ Date _____

DIVISION USING PARTIAL QUOTIENTS
Four-Digit Dividends with Remainders

1)

3) 9 2 5 3

Easy Multiples

3 x 1 = ____
3 x 2 = ____
3 x 5 = ____
3 x 10 = ____
3 x 20 = ____
3 x 50 = ____
3 x 100 = ____
3 x 200 = ____
3 x 500 = ____
3 x 1,000 = ____
3 x 2,000 = ____

2)

5) 4 8 5 4

Easy Multiples

5 x 1 = ____
5 x 2 = ____
5 x 5 = ____
5 x 10 = ____
5 x 20 = ____
5 x 50 = ____
5 x 100 = ____
5 x 200 = ____
5 x 500 = ____
5 x 1,000 = ____
5 x 2,000 = ____

3)

2) 4 9 0 3

Easy Multiples

2 x 1 = ____
2 x 2 = ____
2 x 5 = ____
2 x 10 = ____
2 x 20 = ____
2 x 50 = ____
2 x 100 = ____
2 x 200 = ____
2 x 500 = ____
2 x 1,000 = ____
2 x 2,000 = ____

4)

4) 3 6 5 0

Easy Multiples

4 x 1 = ____
4 x 2 = ____
4 x 5 = ____
4 x 10 = ____
4 x 20 = ____
4 x 50 = ____
4 x 100 = ____
4 x 200 = ____
4 x 500 = ____
4 x 1,000 = ____
4 x 2,000 = ____