GREEN BOOK PRETESTS

Add, subtract, multiply, or divide.

	a	*b*	*c*	*d*
1.	59 +67	63 −18	23 ×7	6)3954
2.	503 −89	7)9042	596 +87	40 ×68
3.	20)6330	638 +197	603 ×32	420 −237
4.	5967 +848	322 ×24	4273 −695	70)4970
5.	406 ×132	21)275	673 895 +546	7001 −2741
6.	11 654 −8 465	7468 +4923	5083 ×64	91)6643

Add, subtract, multiply, or divide.

	a	*b*	*c*	*d*
7.	2765 4283 +1065	25 623 −20 736	261 ×100	74)985
8.	594 ×605	26 509 8 060 +11 695	91 000 −27 624	82)2550
9.	42)8862	958 ×643	94 006 73 885 +27 642	812 600 −74 7
10.	413 000 −324 223	88)35 288	6072 ×621	780 764 +16 433
11.	289 455 +860 950	592 006 −93 067	48)29 314	2409 ×900

PROBLEM-SOLVING STRATEGIES

Multi-Step

Kevin went to the butcher shop and bought 3 kg of roast beef, 4 kg of turkey, and 1 kg of ham. The roast beef cost $8.79 per kilogram, the turkey cost $6.75 per kilogram, and the ham cost $6.50 per kilogram. How much money did Kevin spend at the butcher shop?

The total cost of the roast beef was $26.37.

The total cost of the turkey was $27.00.

The total cost of the ham was $6.50.

Kevin spent $59.87 at the butcher shop.

Find the total cost of the roast beef, the turkey, and the ham.

roast beef	turkey	ham
$8.79	$6.75	$6.50
×3	×4	×1
$26.37	$27.00	$6.50

Next find the sum of the three individual costs.

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 $26.37
  27.00
 + 6.50
 $59.87
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Solve each problem.

SHOW YOUR WORK

1. Quiana bought a pair of shorts for $24.87 and a bottle of perfume for $18.35. The tax on the purchase was $2.59. She paid with a $50 bill. How much change did Quiana get back?

   Quiana got back _____ in change.

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2. Betsy read 174 pages last week. She read on Monday, Wednesday, Saturday, and Sunday. On Monday, she read 35 pages. On Wednesday, she read 47 pages. On Saturday, she read 53 pages. How many pages did Betsy read on Sunday?

   Betsy read _____ pages on Sunday.

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3. On Friday at the Burger Bistro, 349 hamburgers were sold. On Saturday, twice as many hamburgers were sold than on Friday. On Sunday, 38 fewer hamburgers were sold than on Saturday. How many hamburgers were sold at the Burger Bistro on Sunday?

   _____ hamburgers were sold on Saturday.

   _____ hamburgers were sold on Sunday.

PROBLEM-SOLVING STRATEGIES

Draw a Picture

The Beltsos family has an above-ground rectangular swimming pool in the backyard. The swimming pool is 7 m by 3 m. There is a 2-m wide deck that completely surrounds the swimming pool. Mr. Beltsos is going to paint the deck to keep the wood from fading. How many square metres will Mr. Beltsos paint?

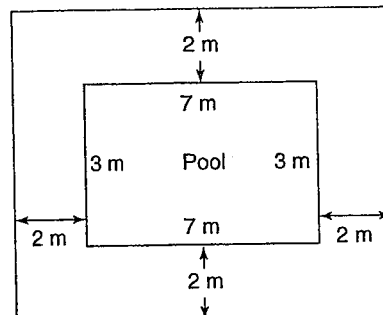Mr. Beltsos will paint ____56___ m².

Find the area of the pool and deck.

$$2 + 3 + 2 = 7$$
$$2 + 7 + 2 = 11$$
$$11 \times 7 = 77$$

Draw a diagram of the pool and deck.

Find the area of pool: $7 \times 3 = 21$
Subtract the area of the pool.
 area of deck: $77 - 21 = 56$
The area of the deck is 56 m².

Solve each problem.

SHOW YOUR WORK

1. Karen wants to put ribbon around a birthday gift she wrapped. The package is 12 cm long, 11 cm wide, and 4 cm tall. She needs one ribbon that is long enough to wrap around the package's length and height. She needs another ribbon that is long enough to wrap around the package's width and height. How much ribbon does she need in all?

   Karen needs _____ cm of ribbon.

2. Mrs. Habell is retiring from teaching at the end of the school year. Each year for the past 28 years, she has had each student bring her a piece of material that was either an 80 cm by 80 cm square or an equilateral triangle with sides measuring 80 cm. She will use one square piece and four triangular pieces to create a star pattern for a quilt. What is the perimeter of each star pattern for the quilt?

   The perimeter of each star pattern is
   _____ cm.