

## Benchmark Test : Grade 4 Math

Name \_\_\_\_\_

Date \_\_\_\_\_

Class/Grade \_\_\_\_\_

### 1 Benchmark: MA.4.A.1.2

Mr. Carney sold 35 apples at his fruit stand on Saturday. If he sold an equal amount of apples to 5 different people, how many apples did each person buy?

- (A) 3
- (B) 5
- (C) 6
- (D) 7

### 2 Benchmark: MA.4.A.1.2

Jacob and 3 other runners are part of a relay race team. If each team member, including Jacob, runs 2,300 yards, how many yards long is the race?

- (F) 2,300 yards
- (G) 6,900 yards
- (H) 8,400 yards
- (I) 9,200 yards

### 3 Benchmark: MA.4.A.1.2

The eggs in the hen house are collected in baskets. Each basket holds 12 eggs. How many baskets are needed to collect 84 eggs?

- (A) 7 baskets
- (B) 12 baskets
- (C) 72 baskets
- (D) 84 baskets

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### 4 Benchmark: MA.4.A.1.2

Kenneth ran 12 kilometers in 2 hours. What was Kenneth's average speed in kilometers per hour?

- Ⓕ 4 kilometers per hour
- Ⓖ 6 kilometers per hour
- Ⓗ 10 kilometers per hour
- Ⓘ 14 kilometers per hour

### 5 Benchmark: MA.4.A.1.2

A train has 6 cars that are each 30 feet long. The cars are 2 feet apart. How long is the train from start to finish?

- Ⓐ 180 feet
- Ⓑ 190 feet
- Ⓒ 200 feet
- Ⓓ 210 feet

### 6 Benchmark: MA.4.A.1.2

There are 6 rows of 8 desks in Mr. Grossman's classroom. If every desk in the class is full, how many students are in his class?

- Ⓕ 14 students
- Ⓖ 16 students
- Ⓗ 48 students
- Ⓘ 56 students

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### 7 Benchmark: MA.4.A.1.2

Brittany weighs 58 pounds. Her older brother weighs twice as much. How much does her older brother weigh?

- (A) 23 pounds
- (B) 60 pounds
- (C) 85 pounds
- (D) 116 pounds

### 8 Benchmark: MA.4.A.1.2

Sumon purchased 8 packages of cupcakes from the bakery. Each package contained the same number of cupcakes. Altogether, Sumon bought 96 cupcakes. The equation below can be used to find how many cupcakes were in each package.

$$8 \times \square = 96$$

How many cupcakes were in each package that Sumon bought?

- (F) 7
- (G) 9
- (H) 10
- (I) 12

### 9 Benchmark: MA.4.A.1.2

Walter has a monthly car payment of \$417. How much will his car payments total in one year?

- (A) \$4,170
- (B) \$4,904
- (C) \$4,994
- (D) \$5,004

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### 10 Benchmark: MA.4.A.1.2

On a billboard, a picture of a man is 6 times as large as the real man it depicts. If the real man is 6 feet tall, how tall is the picture of the man on the billboard?

- (F) 12 feet
- (G) 24 feet
- (H) 36 feet
- (I) 66 feet

### 11 Benchmark: MA.4.A.1.2

Membership to the local gym costs \$25 per week. If Sean joins for 16 weeks, how much will it cost him?

- (A) \$41
- (B) \$175
- (C) \$370
- (D) \$400

### 12 Benchmark: MA.4.A.1.2

The fourth-grade ordered caterpillars over the Internet. They were told that each jar would contain 6 caterpillars. If the fourth-grade received 8 jars in the mail, how can you figure out the total number of caterpillars that they ordered?

- (F)  $8 - 6$
- (G)  $8 \div 6$
- (H)  $6 \times 8$
- (I)  $6 + 8$

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### 13 Benchmark: MA.4.A.1.2

Hannah spends 185 minutes practicing the piano each week. How much time will Hannah spend practicing the piano in 18 weeks?

- (A) 203 minutes
- (B) 1,665 minutes
- (C) 2,690 minutes
- (D) 3,330 minutes

### 14 Benchmark: MA.4.A.1.2

The school library has 36 shelves of books. Each shelf can hold 42 books. How many books can the shelves in the library hold all together?

- (F) 78 books
- (G) 216 books
- (H) 1,302 books
- (I) 1,512 books

### 15 Benchmark: MA.4.A.1.2



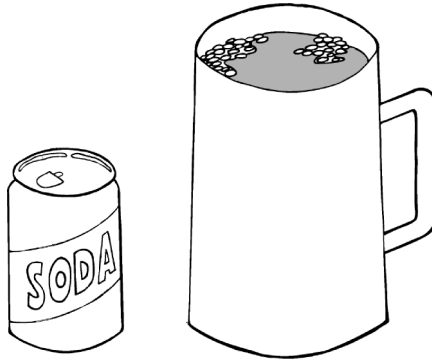
A group of 16 friends went to a carnival. They wanted to ride on the bumper cars. If each car holds 2 people, how many cars will the friends use at one time?

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

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### 16 Benchmark: MA.4.A.1.2

It takes 3 cans of soda to fill the mug pictured below.



How many cans of soda would it take to fill 32 mugs?

- Ⓕ 11
- Ⓖ 35
- Ⓗ 64
- Ⓘ 96

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### 17 Benchmark: MA.4.A.1.2



Austin sells aluminum cans to the local recycling center once a month. Every month he is paid \$33 for the cans he sells. The equation below can be used to find how much money Austin makes in one year from selling cans to the recycling center.

$$\square \div 12 = 33$$

In dollars, how much money does Austin make in one year from selling cans to the recycling center?

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

### 18 Benchmark: MA.4.A.1.2



Brianna bought 4 boxes of oranges from a roadside stand. There were 9 oranges in each box. How many oranges did Brianna buy?

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

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### 19 Benchmark: MA.4.A.1.2

There are 26 boxes of building blocks in the kindergarten classroom. If there are 102 blocks in each box, how many blocks are there in all?

- (A) 128 blocks
- (B) 816 blocks
- (C) 2,642 blocks
- (D) 2,652 blocks

### 20 Benchmark: MA.4.A.1.2

David wants to buy a 6-foot long sandwich for a birthday party. If the sandwich costs \$72.00, what is the cost **per foot**?

- (F) \$2.00 per foot
- (G) \$6.00 per foot
- (H) \$10.00 per foot
- (I) \$12.00 per foot



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### 21 Benchmark: MA.4.A.1.2



Sandra needs to print 7 copies of a 13-page essay. The following equation can be used to find how many total sheets of paper the printing will require.

$$\square \div 13 = 7$$

How many total sheets of paper does Sandra's printing require?

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

### 22 Benchmark: MA.4.A.1.2

Each class period at Ranisha's school is 50 minutes long. If there are 8 periods in a day, how long is each school day?

- (F) 400 minutes
- (G) 450 minutes
- (H) 500 minutes
- (I) 800 minutes

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### 23 Benchmark: MA.4.A.1.2

Julian's little brother has a set of 20 toy blocks. Each block has a volume of 4 cubic inches.



Volume = 4 cubic inches

What is the total volume of the set of blocks?

- (A) 20 cubic inches
- (B) 40 cubic inches
- (C) 80 cubic inches
- (D) 160 cubic inches

### 24 Benchmark: MA.4.A.1.2

There are 106 tables in the cafeteria. If each table holds 12 people, how many people in all can sit at tables in the cafeteria?

- (F) 118
- (G) 318
- (H) 1,262
- (I) 1,272

### 25 Benchmark: MA.4.A.1.2

If Angel rides her bike 5 miles every day, how many miles will she have ridden after 3 weeks?

- (A) 63 miles
- (B) 75 miles
- (C) 105 miles
- (D) 110 miles

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### 26 Benchmark: MA.4.A.1.2

Malika and Rachel each saved 3 dollars per day every day in June. How much money did they save in all?

- (F) \$10.00
- (G) \$90.00
- (H) \$180.00
- (I) \$186.00

### 27 Benchmark: MA.4.A.1.2

Whitney, Darlene, and Sapna each brought 70 cookies to Erin's birthday party. The equation below can be used to find how many total cookies the three girls brought to the party.

$$\square \div 3 = 70$$

How many total cookies did Whitney, Darlene, and Sapna bring to the party?

- (A) 140
- (B) 210
- (C) 280
- (D) 350

### 28 Benchmark: MA.4.A.1.2

What is the value of the unknown in the number sentence  $\square \div 4 = 10$ ?

- (F) 14
- (G) 40
- (H) 44
- (I) 60

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### 29 Benchmark: MA.4.A.1.2

There are 96 children taking swimming lessons this summer at the Y.M.C.A. If they swim in groups of 8, how many groups are there?

- (A) 12 groups
- (B) 13 groups
- (C) 14 groups
- (D) 15 groups

### 30 Benchmark: MA.4.A.1.2

Feruzza played a card game with her 4 friends. She divided the cards evenly among herself and her friends. She and her friends each received 12 cards. The equation below can be used to find how many cards there were altogether.

$$\square \div 5 = 12$$

How many cards were there altogether?

- (F) 34
- (G) 54
- (H) 60
- (I) 62

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### 31 Benchmark: MA.4.A.1.2



Taylor collects baseball cards in a book. There are 28 pages in the book, and each page holds 12 cards. How many baseball cards can fit in the book all together?

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

### 32 Benchmark: MA.4.A.1.2

Antonia recently started building a baseball card collection. She started out with 25 cards. After going to the card shop and buying more cards, the size of her collection quadrupled. The equation below can be used to find how many baseball cards were in Antonia's collection after she went to the card shop.

$$\square \div 4 = 25$$

How many baseball cards did Antonia have when she left the card shop?

- (F) 5
- (G) 100
- (H) 125
- (I) 250

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### 33 Benchmark: MA.4.A.1.2

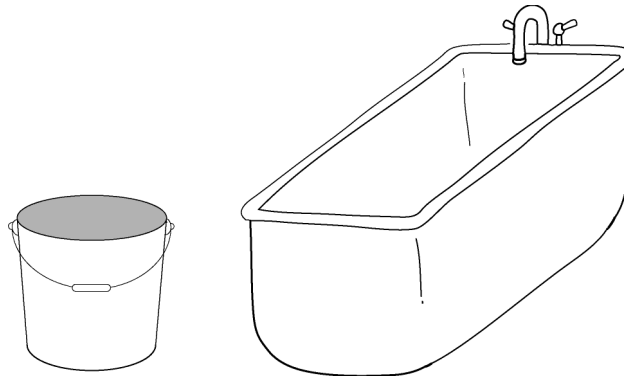


A library is setting up 23 new bookcases. If each bookcase holds 325 books, how many total books can the new bookcases hold?

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

### 34 Benchmark: MA.4.A.1.2

The bucket pictured holds 5 gallons of liquid.



How many buckets of water will it take to fill this 55-gallon bathtub?

- (F) 6
- (G) 10
- (H) 11
- (I) 12

