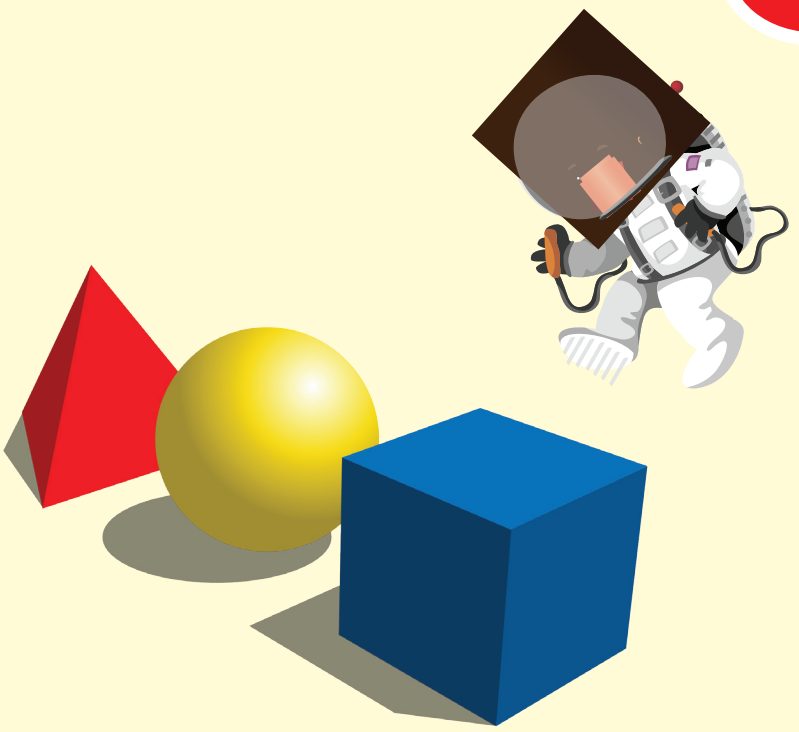
NGUYỄN TRƯỜNG GIANG
PHẠM TRÍ ĐỨC - NGUYỄN TRUNG HIẾU

Answer key

MATH in My World 5



NHÀ XUẤT BẢN GIÁO DỤC VIỆT NAM

LET'S GET STARTED

Page 6

1. b

2. b

3. c

4. a

5. b

6. c

Unit 1

LET'S PRACTICE

Page 8

1. 10,675; 5,768; 2,955; 13,056

2. a. 13,743;

b. 3,920

LET'S TRY

Page 9 &10

1. The answer is 9,750 m^2

2. 187; 165; the answer is 352 (students)

MATH IN MY WORLD

Page 10

The answer is 1,250 (pages)

Unit 2

Page 11

1. 1,462; 16,692; 47,311; 1,452

2. 234; 2,340; 1,794; 17,940

3. The answer is 1,800 (times)

4. 273,000; 322,500; the answer is 595,500 (vnd)

Unit 3

LET'S PRACTICE

Page 12

1. 372; 12; 280; 7

2. a. 258;

b. 207.

LET'S TRY

Page 13

1. The answer is 105 (m)

2. The answer is 16 (sets)

MATH IN MY WORLD

Page 14

The answer is 42 (m^2)

Unit 4

Page 15

1. 107; 234; 315; 57.

2. 6,240; the answer is 104 (packages)

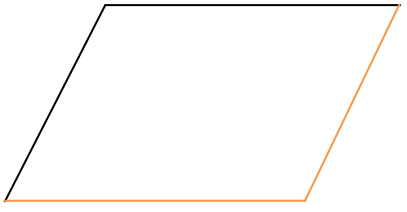
3. 38,400 m; 75 mins; 0.512 km/min

Unit 5

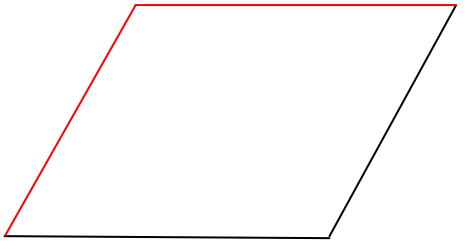
LET'S PRACTICE

Page 18

1. a.



b.



2. 40 cm^2; 1,400 cm^2; 8,820 cm^2

LET'S TRY

Page 18 & 19

1. The answer is 1,000 (dm^2)

2. 9 m; the answer is 108 (m^2)

MATH IN MY WORLD

Page 19

6 parallelograms

Unit 6

LET'S PRACTICE

Page 20 & 21

1. Four hundred twenty nine square kilometer; fifty one thousand thirty-four square kilometer; 100,300 km^2; 67,000,000 km^2

2. a. 1,000,000 m^2;

b. 100 cm^2;

c. 5.25 m^2;

d. 1 km^2;

e. 8,000,000 m^2; f. 4.05 m^2

LET'S TRY

Page 21 & 22

1. 3.6 km; 16.2 km^2

2. 1 km; the answer is 3 km^2

MATH IN MY WOLRD

Page 22

1. C;

2. C

Unit 7

LET'S PRACTICE

Page 23 & 24

1. a. $\frac{1}{2}$; b. $\frac{3}{5}$; c. $\frac{3}{4}$

2. $\frac{7}{9}$; $\frac{3}{2}$; $\frac{8}{3}$; $\frac{1}{5}$

3. $\frac{9}{1}$; $\frac{11}{1}$; $\frac{2}{1}$; $\frac{7}{1}$

LET'S TRY

Page 24

1. a. $\frac{6}{10}$; b. $\frac{18}{85}$; c. $\frac{72}{100}$

2. a. $\frac{14}{1}$; b. $\frac{32}{1}$; c. $\frac{2}{1}$; d. $\frac{3}{1}$

MATH IN MY WORLD

less than 1: $\frac{1}{2}$; equal to 1: $\frac{1}{1}$; greater than 1: $\frac{3}{2}$

Unit 8

LET'S PRACTICE

Page 26 & 27

1. a. $\frac{6}{9}; \frac{45}{50}$ b. $\frac{3}{4}; \frac{4}{5}$

2. a. $\frac{4}{3} = \frac{16}{12};$ b. $\frac{1}{2} = \frac{4}{8} = \frac{3}{6}$

3. $\frac{2}{3}; \quad \frac{3}{4}; \quad \frac{4}{5}; \quad \frac{1}{4}$

LET'S TRY

Page 27

1. $\frac{21}{49}$

2. $\frac{12}{15} = \frac{4}{5}; \quad \frac{6}{7} = \frac{24}{28}$

MATH IN MY WORLD

'a' is the correct answer.

Review 1

Page 28

1. b

2. c

3. b

4. b

5. $\frac{6}{20}$; $\frac{12}{32}$; $\frac{9}{12}$; 1.

6. a. 5,000,000 m^2;

b. 6 km^2;

c. 52.64 m^2;

d. 1,000 dm^2

Page 29

7. a. 171 cm^2;

b. 206 cm^2

8. a. 25 m;

b. 1,875 kg

Unit 9

LET'S PRACTICE

Page 32

1. a. $\frac{45}{40}$ and $\frac{24}{40}$;

b. $\frac{14}{18}$ and $\frac{9}{18}$

2. a. $\frac{6}{12}$; $\frac{4}{12}$ and $\frac{3}{12}$;

b. $\frac{40}{60}$; $\frac{45}{60}$ and $\frac{48}{60}$

LET'S TRY

1. $\frac{21}{24}$ and $\frac{16}{24}$;

2. $\frac{20}{24}$ and $\frac{27}{24}$

MATH IN MY WORLD

Page 33

$\frac{2}{5} > \frac{1}{5}$

Unit 10

LET'S PRACTICE

Page 35

1. $\frac{8}{14}$; **2.** $\frac{6}{12}$; **3.** $\frac{3}{8}$; **4.** $\frac{11}{90}$

LET'S TRY

Page 35 & 36

1. The answer is $\frac{44}{15}$ (m)

2. $\frac{2}{10}$ (m) and 2 (m)

MATH IN MY WOLRD

Page 36

a. $\frac{3}{8}$ and $\frac{3}{4}$;

b. $\frac{6}{18}$ and $\frac{1}{3}$

Unit 11

LET'S PRACTICE

Page 38

a. $\frac{8}{15}$; b. $\frac{18}{70}$; c. 1;

d. $\frac{14}{15}$; e. $\frac{15}{14}$; f. $\frac{81}{100}$

LET'S TRY

1. 64 (m);

2. 288 (m); 5,120 (m^2)

MATH IN MY WOLRD

Page 39

$\frac{1}{6}$ m^2; $\frac{1}{18}$ m^2

Unit 12

Page 40

1. a. $\frac{17}{14}$; b. $\frac{3}{10}$; c. $\frac{16}{27}$; d. $\frac{30}{24}$

2. a. $\frac{2}{7}$; b. 1

3. 4 (m)

4. $\frac{4}{9}$

Page 41

5. a $\frac{18}{16}$ (km^2); b. $\frac{2}{16}$ (km^2)

Unit 13

LET'S PRACTICE

Page 43 & 44

1. a. AB is the height; AC is the base

b. HA is the height; NO is the base

2. a. 0.216 cm^2; 2.16 m^2

LET'S TRY

Page 44

2.7 m; 4.86 m^2

Unit 14

LET'S PRACTICE

Page 45 & 46

1. a. AD and BC are two bases; AB and CD are two lateral sides; HB is the height

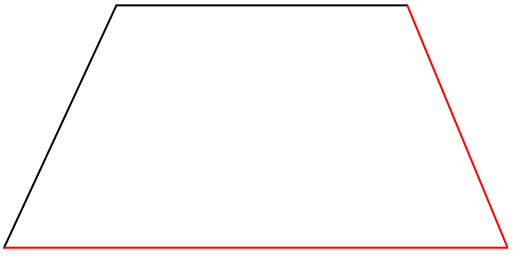
b. MN and PQ are two bases; PM and QN are two lateral sides; PM is also the height

2. a. 6.9 cm^2; b. 9,660 cm^2

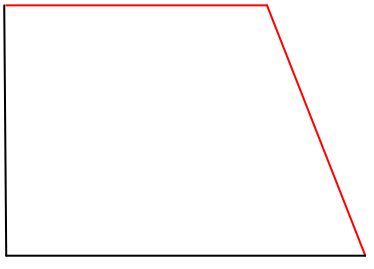
LET'S TRY

Page 46 & 47

1. a.



b.



Page 47

2. a. 36 (m);

b. 10,125 (kg)

Unit 15

LET'S PRACTICE

Page 48

2. a. 7.85 cm;

b. 8.164 cm

LET'S TRY

Page 49

1. 282.6 cm

2. 18.84 cm; 37.68 cm.

Unit 16

LET'S PRACTICE

Page 50

1. a. 4.5216 cm^2;

b. 0.5 dm; 0.785 dm^2

2. 1.5 m; 7.065 m^2

LET'S TRY

Page 51

1. 3 cm; 28.26 cm^2

2. 36 cm^2; 7.74 cm^2

MATH IN MY WORLD

Page 51 & 52

1.5386 m^2; 1 m; 3.14 m^2; 1.6014 m^2

Review 2

Page 53

1. a. $\frac{11}{8}; \frac{22}{15}$ b. $\frac{2}{3}; \frac{7}{15}$ c. $\frac{12}{90}; \frac{3}{10}$ d. $\frac{14}{5}; \frac{5}{4}$

2. $\frac{1}{6}$

3. $\frac{1}{18}$ (m^2)

Page 54

5. C = 3.768 dm, S = 1.1304 dm^2

6. The difference is 125.6 cm

Page 55

7. a. T; b. F