



Name _____ Class _____ Date _____

1 Mr. Wallis' house is **38 ft** wide by **54 ft** high. It is proportional to Mr. River's house. If Mr. River's house is **36 ft** high, **approximately** how **wide** is it?

- A 25 ft
- B 30 ft
- C 51 ft
- D 57 ft

2 At a furniture store, a child's chair is proportional to an adult's chair. The child's chair is **63 cm** tall and **52 cm** wide. If the adult chair is **85 cm** tall, **approximately** how **wide** is it?

- A 123 cm
- B 103 cm
- C 70 cm
- D 39 cm

3 Two rectangular picture frames are proportional in size. The larger one measures **14 in. x 22 in.** ($b \times h$). If the smaller one has a base of **4 in.**, what is its approximate **height**?

4 A book and a CD case are proportional in size. The CD case has a base of **13.5 cm** and a height of **12.5 cm**. If the book has a base of **27 cm**, what is the **height** of the book?



PREVIEW

7 Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- 8
- A .1
 - B 1
 - C .9
 - D 9



- B $\frac{114}{400}$, .114
- C $\frac{912}{114}$, 8.0
- D $\frac{114}{400}$, .285

1-4	56
5-8	140
9-12	114
13-16	90

9 If out of **150** cars, the ratio of **blue** cars is $\frac{45}{150}$, the ratio of **silver** cars is $\frac{69}{150}$ and the ratio of **green** cars is $\frac{36}{150}$, what is the **probability** that a person will own a **silver** car?

- A .24
- B .3
- C .46
- D .69

10 There are **89** fish at a pet store. **Forty-two** of them are goldfish, **twelve** are beta fish, **twenty-three** are tetras, and **seven** are angelfish. What is the **probability** that a customer will buy a **tetra**, to the nearest hundredth?

- A .47
- B .26
- C .13
- D .08





Name _____ Class _____ Date _____

1 Mr. Wallis' house is **38 ft** wide by **54 ft** high. It is proportional to Mr. River's house. If Mr. River's house is **36 ft** high, **approximately** how **wide** is it?

- A 25 ft
- B 30 ft
- C 51 ft
- D 57 ft

(A)

2 At a furniture store, a child's chair is proportional to an adult's chair. The child's chair is **63 cm** tall and **52 cm** wide. If the adult chair is **85 cm** tall, **approximately** how **wide** is it?

- A 123 cm
- B 103 cm
- C 70 cm
- D 39 cm

(C)

3 Two rectangular picture frames are proportional in size. The larger one measures **14 in. x 22 in.** ($b \times h$). If the smaller one has a base of **4 in.**, what is its approximate **height**?

(B)

4 A book and a CD case are proportional in size. The CD case has a base of **13.5 cm** and a height of **12.5 cm**. If the book has a base of **27 cm**, what is the **height** of the book?

(C)



(A)

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

- A .1
- B 1
- C .9
- D 9



- B $\frac{114}{400}$, .114
- C $\frac{912}{114}$, 8.0
- D $\frac{114}{400}$, .285

1-4	56
5-8	140
9-12	114
13-16	90

(D)

9 If out of **150** cars, the ratio of **blue** cars is $\frac{45}{150}$, the ratio of **silver** cars is $\frac{69}{150}$ and the ratio of **green** cars is $\frac{36}{150}$, what is the **probability** that a person will own a **silver** car?

- A .24
- B .3
- C .46
- D .69

(C)

10 There are **89** fish at a pet store. **Forty-two** of them are goldfish, **twelve** are beta fish, **twenty-three** are tetras, and **seven** are angelfish. What is the **probability** that a customer will buy a **tetra**, to the nearest hundredth?

- A .47
- B .26
- C .13
- D .08



(B)