

NO. 1

1

$1:2=x:8$
 $2x=8$
 $x=4$

4

2

$3:2=4:x$
 $3x=2 \times 4$
 $x=14$

14

3

$3:2=12:x$
 $3x=12 \times 2$
 $x=8$

8

4

$3:2=21:x$
 $3x=21 \times 2$
 $x=14$

14

5

ADの長さを求めよ

$4:3=8:x$
 $4x=24$
 $x=6$

6

6

CD, DBの長さを求めよ

$4:3=36:x$
 $4x=36 \times 3$
 $x=27$

27

14

7

ACの長さを求めよ

$5:2=x:6$
 $2x=30$
 $x=15$

15

8

BCの長さを求めよ

$3:2=x:16$
 $2x=3 \times 16$
 $x=24$

24

9

$5:4=8:x$
 $5x=32$
 $x=32/5$

32/5

10

$3:2=3:x$
 $3x=6$
 $x=2$

2

11

$3:2=18:x$
 $3x=18 \times 2$
 $x=12$

12

12

$\angle BCA = \angle BAD$

$2:1=8:x$
 $16=4 \times x$
 $12=x$

12

7

13

$\angle BCA = \angle BED$

$2:1=x:4$
 $x=8$

8

6

14

AB=ACの二等辺三角形, DC=BC
 AB=6, BC=4
 BDの長さを求めよ

$3:2=4:x$
 $3x=8$
 $x=8/3$

8/3