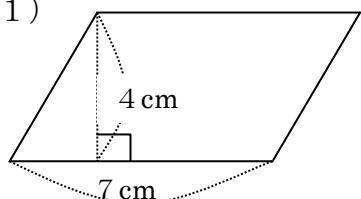


模範解答

1 次の図形の面積を求めましょう。(8問×10点)

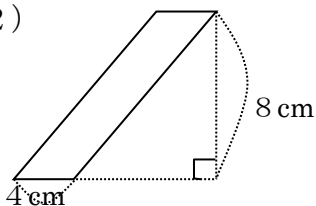
(1)



(式) $7 \times 4 = 28$

(答) 28 cm^2

(2)

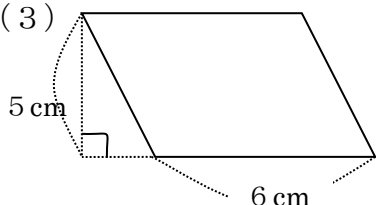


(式) $4 \times 8 = 32$

(答) 32 cm^2



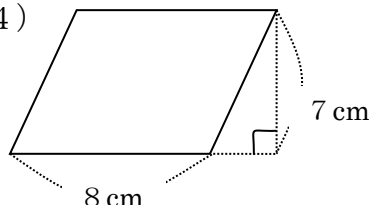
(3)



(式) $6 \times 5 = 30$

(答) 30 cm^2

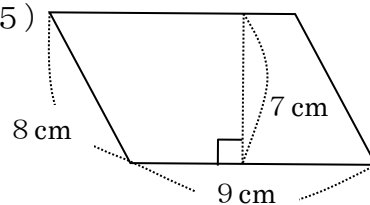
(4)



(式) $8 \times 7 = 56$

(答) 56 cm^2

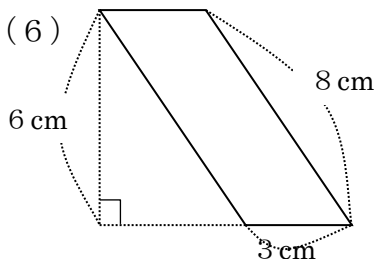
(5)



(式) $9 \times 7 = 63$

(答) 63 cm^2

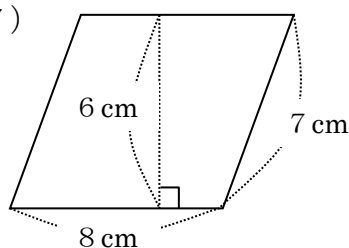
(6)



(式) $3 \times 6 = 18$

(答) 18 cm^2

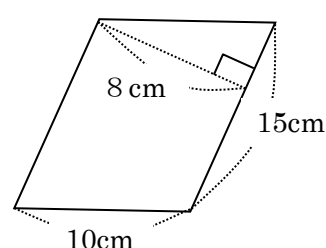
(7)



(式) $8 \times 6 = 48$

(答) 48 cm^2

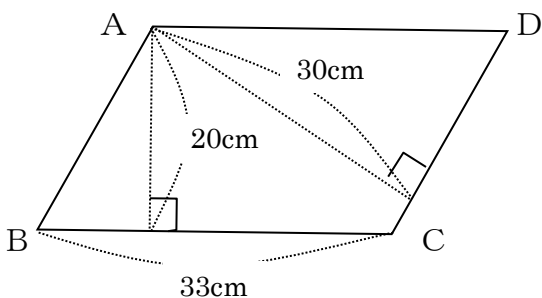
(8)



(式) $15 \times 8 = 120$

(答) 120 cm^2

2 次の平行四角形ABCDの辺ABの長さは何cmですか。(20点)



(式) $33 \times 20 = 660$

$660 \div 30 = 22$

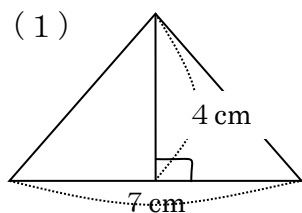
辺AB=辺CDだから

(答) 22 cm



1 次の図形の面積を求めましょう。(8問×10点)

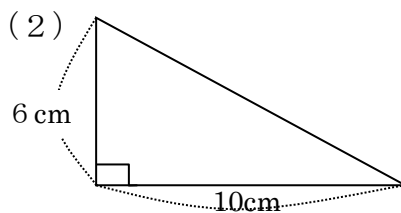
(1)



(式) $7 \times 4 \div 2 = 14$

(答) 14 cm^2

(2)

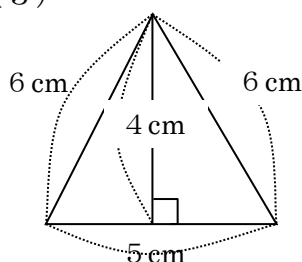


(式) $10 \times 6 \div 2 = 30$

(答) 30 cm^2



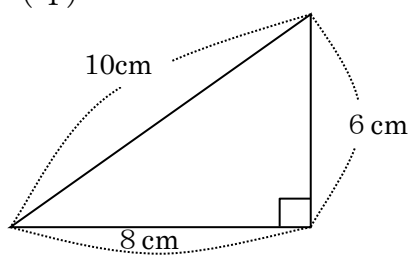
(3)



(式) $5 \times 4 \div 2 = 10$

(答) 10 cm^2

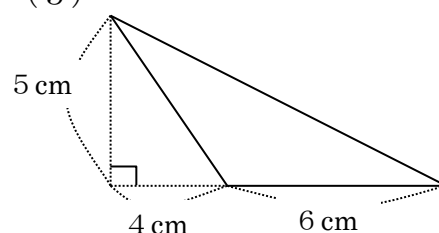
(4)



(式) $8 \times 6 \div 2 = 24$

(答) 24 cm^2

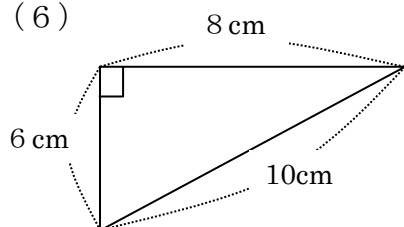
(5)



(式) $6 \times 5 \div 2 = 15$

(答) 15 cm^2

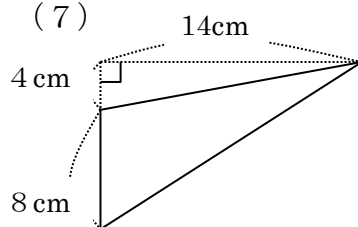
(6)



(式) $6 \times 8 \div 2 = 24$

(答) 24 cm^2

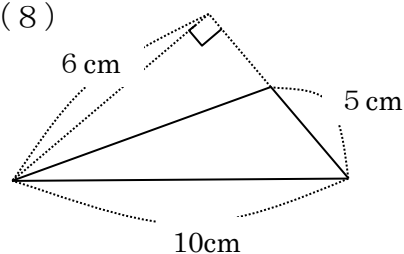
(7)



(式) $8 \times 14 \div 2 = 56$

(答) 56 cm^2

(8)



(式) $5 \times 6 \div 2 = 15$

(答) 15 cm^2

2 次の図形の三角形ABCの面積は 84 cm^2 あります。

三角形ABDの面積は何 cm^2 あるでしょう。(20点)

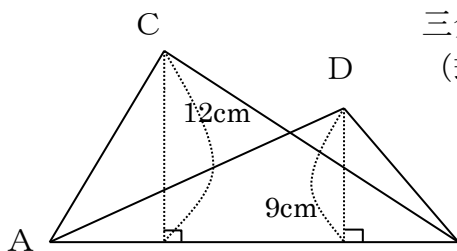
(式) 辺ABの長さを□とすると、

$\square \times 12 \div 2 = 84$

$\square = 84 \times 2 \div 12$

$\square = 14$ ※辺ABは14 cm

$14 \times 9 \div 2 = 63$

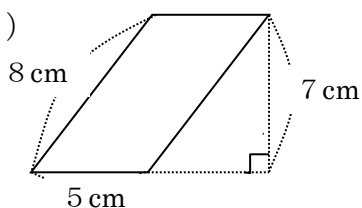


B (答) 63 cm^2

模範解答

1 次の図形の面積を求めましょう。(8問×10点)

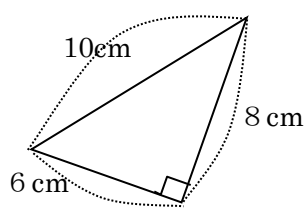
(1)



(式) $5 \times 7 = 35$

(答) 35 cm^2

(2)

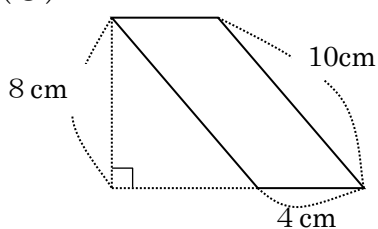


(式) $6 \times 8 \div 2 = 24$

(答) 24 cm^2



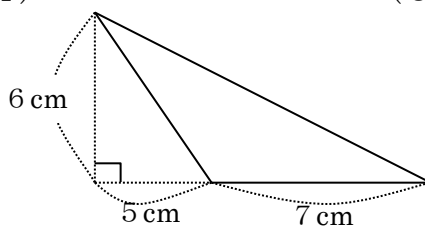
(3)



(式) $4 \times 8 = 32$

(答) 32 cm^2

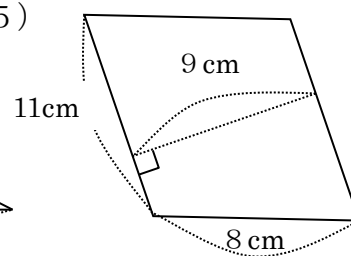
(4)



(式) $7 \times 6 \div 2 = 21$

(答) 21 cm^2

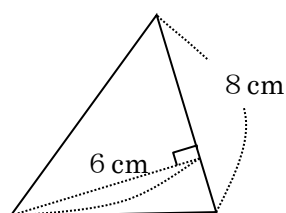
(5)



(式) $11 \times 8 = 88$

(答) 88 cm^2

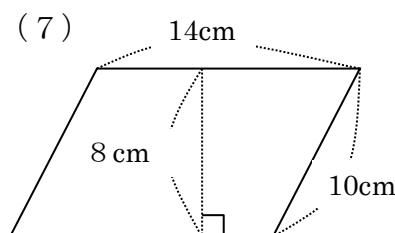
(6)



(式) $8 \times 6 \div 2 = 24$

(答) 24 cm^2

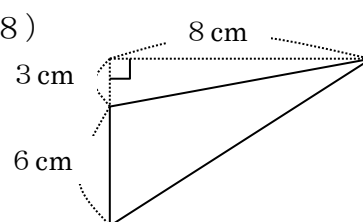
(7)



(式) $14 \times 8 = 112$

(答) 112 cm^2

(8)

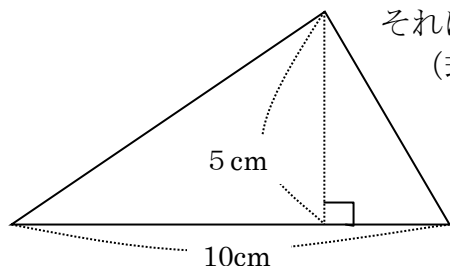


(式) $6 \times 8 \div 2 = 24$

(答) 24 cm^2

2 次の三角形の高さも底辺も3倍にすると、面積は何 cm^2 になるでしょう。

それはもとの三角形の面積の何倍でしょう。(20点)



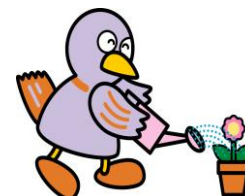
(式)

$(10 \times 3) \times (5 \times 3) \div 2 = 225$

$10 \times 5 \div 2 = 25$

$225 \div 25 = 9$

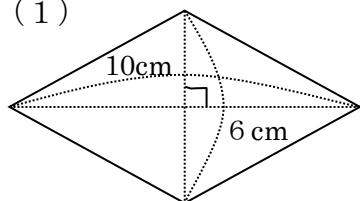
(答) 225 cm^2 、9倍



模範解答

1 次のひし形や台形の面積を求めましょう。(8問×10点)

(1)

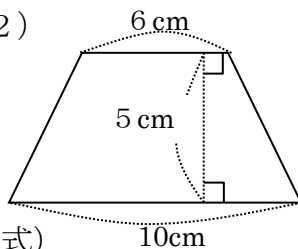


(式)

$$10 \times 6 \div 2 = 30$$

(答) 30 cm^2

(2)



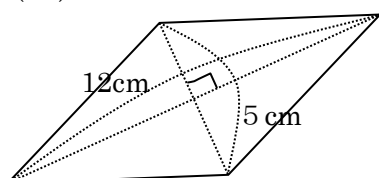
(式)

$$(6 + 10) \times 5 \div 2 = 40$$

(答) 40 cm^2



(3)

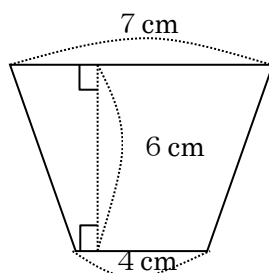


(式)

$$12 \times 5 \div 2 = 30$$

(答) 30 cm^2

(4)

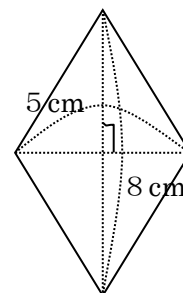


(式)

$$(7 + 4) \times 6 \div 2 = 33$$

(答) 33 cm^2

(5)

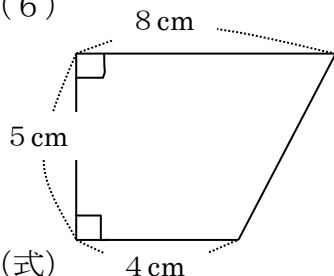


(式)

$$5 \times 8 \div 2 = 20$$

(答) 20 cm^2

(6)

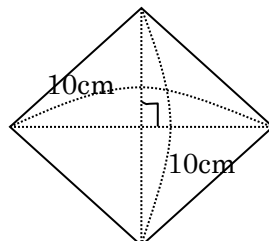


(式)

$$(8 + 4) \times 5 \div 2 = 30$$

(答) 30 cm^2

(7)

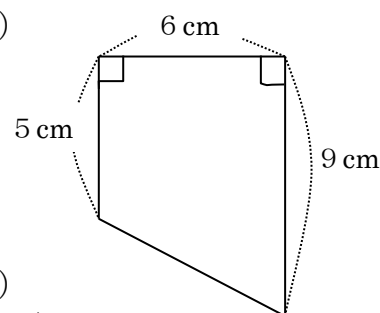


(式)

$$10 \times 10 \div 2 = 50$$

(答) 50 cm^2

(8)

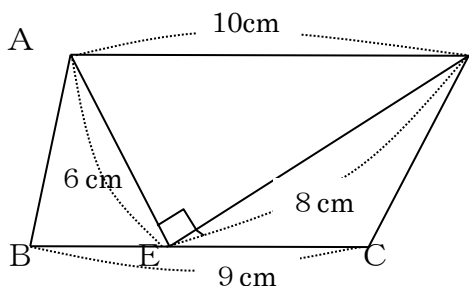


(式)

$$(6 + 9) \times 5 \div 2 = 42$$

(答) 42 cm^2

2 次の台形ABCDの面積を求めましょう。(20点)



(式) 三角形AEDの面積は、

$$6 \times 8 \div 2 = 24$$

三角形AEDの底辺をADとしたときの高さを□とすると、

$$10 \times \square \div 2 = 24 \quad \square = 4.8 \text{ (三角形の高さ)}$$

三角形の高さ=台形の高さ、なので

$$(10 + 9) \times 4.8 \div 2 = 45.6$$

(答) 45.6 cm^2

