1)

Answer: Option C

Explanation:

1/20 + 1/30 - 1/40 = 7/120

120/7 = 17 1/7

2)

Answer: Option B

Explanation:

4/12 + x/15 = 1

x = 10

3)

Answer: Option B

Explanation:

3/12 + x/15 = 1

x= 11 1/4

4)

Answer: Option A

Explanation:

1/x - 1/20 = -1/24

x = 120

120 \* 4 = 480

5)

Answer: Option D

Explanation:

1/10 + 1/15 - 1/x = 1/18

x = 9

6)

Answer: Option D

Explanation:

2/7 - 1/x = 1/4

x = 28

7)

Answer: Option B

Explanation:

1/4 + 1/5 = 9/20

 20/9 = 2 2/9

 9/20 \* 2 = 9/10 ---- 4 hours

 WR = 1 - 9/10 = 1/10

 1 h ---- 1/4

 ? ----- 1/10

 2/5 \* 60 = 24 = 4 hrs 24 min

8)

Answer: Option C

Explanation:

3/12 + (3 + x)/15 = 1

x = 8 1/4

9)

Answer: Option C

Explanation:

1/8 - 1/x = 1/10

x = 40

10)

Answer: Option B

Explanation:

1/12 + 1/15 - 1/x = 1/15

x = 12

 12 \* 45 = 540