

# ANSWERS

## RATIOS STRETCH

- 3/5
- $\sqrt{3}/2$
- 1/2
- 8/25
- 76
- 20
- 44
- 95
- 85.5
- 5/18

## VENN DIAGRAMS STRETCH

- 2
- 20
- 7
- 18
- 72
- 468
- 13
- 39
- 195
- 11/24

## CLOCKS STRETCH

- 8:24
- 8:49
- 21
- 28
- 115
- 6:33
- $13\frac{9}{11}$
- $7\frac{7}{11}$
- 5/16
- 630

## WARM-UP 1

- 15/16
- 5
- 3/40
- 21
- 23
- 47.94
- 765,434,567
- 11
- 24
- 18

## WARM-UP 2

- 4
- 1\*
- 7/12
- 5
- 1050
- 74
- 240
- 105
- 540
- 1

## WARM-UP 3

- 75 or 75.00
- 7/6
- 5
- 16 or 16.00
- 10
- 23
- 18
- 70
- 28
- 2/5

## WARM-UP 4

- 10/3
- 2
- 120
- 10
- 6
- 15/16
- 1/17
- 119
- 37
- 24

## WARM-UP 5

- 39/4
- 312
- 4
- 5/6
- 7.2
- 1728
- E-W or East-West
- 45
- 11:40
- 9

## WARM-UP 6

- 16
- 78/11
- 39
- 35
- 5
- 0
- 126
- 5
- 2
- 23

## WARM-UP 7

- 14,400
- 5
- 27
- 600 or 600.00
- 20
- 66
- $2.5 \times 10^3$
- 6
- 10
- 14

## WARM-UP 8

- 30
- 60
- 8
- 11
- 500
- 12
- 17
- 230
- 74
- 9,182,736

## WARM-UP 9

- 3
- 20
- 18
- $12\sqrt{3}$
- 31
- 8
- 7/2
- 45
- 51
- 8

## WARM-UP 10

- 30
- 0
- $54\pi$
- 13
- 1
- 4
- (-12, 5)
- 42
- 400
- 17

## WARM-UP 11

- 95/6
- 49/2
- 1/10
- 6
- 144
- 2
- 379
- 13
- 211
- 125

## WORKOUT 1

- 2020
- 25.8
- 18.3
- 24
- 69.3
- 7.9
- 12
- 14
- 3.5
- 200

## WORKOUT 2

- 45
- 500
- 16
- 0.049
- 434
- 17.3
- 0.44
- 24
- 7
- 9

## WORKOUT 3

- 105/512
- 80
- 5
- 103,000
- 0.57
- 16.7
- 16/15
- 112
- 11
- 5

## WORKOUT 4

- 24.3
- 66
- 13.7
- 491.67
- 160 or 160.00
- 2.97
- 247.7
- 51
- 27
- 0.25

## WORKOUT 5

- 28
- 17,403
- 86
- 210
- 17.2
- 45
- 37.5
- 6
- 26
- 867

## WORKOUT 6

- 10
- 30
- 17
- 1/24
- 57
- 76.4
- 8
- 81.5
- 29
- 5/12

\* The plural form of the units is always provided in the answer blank, even if the answer appears to require the singular form of the units.

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