

Answers Busy at Maths 1

PAGE 1

- 4
- 6
- 9
- 10
- 8
- 10
- 10
- 10
- 9
- 9

PAGE 2

- 7
- 7
- 10
- 9
- 10
- 8
- 10
- 9
- 10
- 10

PAGE 3

- 1
- 2
- 3
- 3
- 3

PAGE 4

- (a) 3c
(b) 5c
(c) 4c
- (a) 5c
(b) 6c
(c) 9c
- (a) 8c
(b) 8c
(c) 7c
- (a) 7c
(b) 7c
(c) 10c
- (a) 9c
(b) 10c
(c) 10c

PAGE 5

- From top:
- 5, 9
10, 9, 8
9, 7, 6
5, 6, 10
8, 10, 9

- 8, 7, 6
5, 10, 5
9, 7, 8
7, 8, 10

PAGE 6

- 2, 4, 5, 7, 9, 11, 13, 14

PAGE 7

- (a) 14
(b) 12
(c) 15
(d) 13

- 14
- 12

- C
- B
- 2
- 2
- Set D

PAGE 8

- (a) 8
(b) 11
(c) 12
(d) 15
(e) 7
(f) 14
(g) 11
(h) 13
(i) 12
(j) 14

PAGE 9

- 13
- 13
- 11
- 15
- 14
- 15
- 14
- 14

PAGE 10

- 7
- 5 + 6
- 6 + 6
- 7 + 7
- 9 + 5
- 8 + 7

Challenge: 6

PAGE 11

- 2
- 2

- 6
- 6
- 2
- 6

Challenge: 4

PAGE 12

- 6
- 6
- 7
- 9
- 2
- 4
- 4
- 3

PAGE 13

- (a) 6
(b) 7, 2
(c) 1, 4, 5
- (a) 2, 5, 4
(b) 2, 3, 6
(c) 2, 1, 8
- (a) 2, 3, 7
(b) 4, 3, 5
(c) 4, 4, 4
- (a) 3, 9, 1
(b) 5, 4, 4
(c) 5, 6, 2
- (a) 6, 0, 8
(b) 4, 5, 5
(c) 6, 4, 4
- (a) 3, 10, 2
(b) 7, 8, 0
(c) 3, 6, 6

PAGE 14

- 11, 12, 15
- 13, 14, 14
- 15, 11, 15
- 6, 4, 5
- 12, 13, 12, 13, 15
- 13, 14, 12
- 13, 12, 14
- 14, 15, 15
- 11, 14, 13, 14, 14

PAGE 15

- (a) Triangle, 3, 3
(b) Semi-circle, 2, 0
(c) Rectangle, 4, 4

- (d) Circle, 1, 0
(e) Square, 4, 4
- (a) Triangle
(b) Square
(c) Circle
(d) Semi-circle
(e) Triangle
(f) Rectangle

PAGE 16

- 9
- 8
- 7
- 7
- 5
- Circle
- Semi-circle
- Squares, triangles

PAGE 17

- 12
 - 14
 - 11
 - 14
 - 12
- Some students may argue there are more visible shapes in the big wheel.

PAGE 18

- 8
- 5
- 5
- 10
- 3
- 11
- 15
- 15
- 4
- 12
- 5
- 11
- 8
- 14
- 4
- 13
- 4
- 14
- 11
- artwork

PAGE 19

- 2, 8, 10
- 3, 7, 10
- 4, 6, 10
- 5, 5, 10
- 6, 4, 10
- 7, 3, 10
- 8, 2, 10
- 9, 1, 10
- 10, 0, 10

PAGE 20

- 2, 8, 12
- 6, 10, 14
- 14, 11, 13
- 13, 13, 14
- 11, 13, 15, 13, 13, 15

PAGE 21

- (a) 11
(b) 7
(c) 4
(d) 4
- 3, 3, 9, 9
- 8, 8, 8, 8
- 8 (8, 13)
5 (13, 5)

Challenge: 6

PAGE 22

- (a) Done as example
(b) 4, 8
(c) 7, 5
(d) 6, 6
- (a) 6
(b) 5, 9
(c) 9, 5
(d) 7, 7
- (a) 8
(b) 5
(c) Many answers
(d) Many answers
(e) 4
(f) 1
(g) Many answers
(h) Many answers

PAGE 23

- 5
- 6

- 2
- 1
- 1
- 6
- 14
- 10
- 12
- 2
- 2
- 10
- 2
- 2
- 10

PAGE 24

- (a) 1
(b) 6
(c) 3
(d) 4
- (a) 2
(b) 7
(c) 4
(d) 5
- (a) 4 + 4
(b) 5 + 3
(c) 6 + 2
(d) 7 + 1
(e) 8 + 0
(f) 3 + 5
- (a) 5 + 5
(b) 6 + 4
(c) 7 + 3
(d) 8 + 2
(e) 9 + 1
(f) 10 + 0

Challenge: 6

PAGE 25

- (a) 2
(b) 9
- (a) 5
(b) 3
(c) 6
- (a) 1
(b) 0
(c) 4
- (a) 6
(b) 2
(c) 3
- (a) 2
(b) 8
(c) 6
- (a) 5
(b) 8
(c) 6

Page 47
 1. Visual answer
 2. 3c
 3. 4c
 4. 3c
 5. No
Challenge: Pear

PAGE 48
Challenge: 18, 10

PAGE 49
 1. —
 2. —
 3. —
 4. classroom – stride
 schoolyard – stride
 crayon – fingertip
 whiteboard – span
 lunchbox – fingertip

PAGE 50
 1. Depends on size of cubes used.
 2. straw
 4. comb

PAGE 51
 Visual answer

PAGE 52
 3. Car, house

PAGE 53
 Visual answer

PAGE 54
 1. (a) No answer
 (b) $1, 6 + 1 = 7$
 (c) 5, 5, 1,
 $10 + 1 = 11$
 (d) 7, 7, 1,
 $14 + 1 = 15$
 2. (a) 19
 (b) 16
 (c) 18
 (d) 19
 (e) 19
 3. 15, 17, 17
 4. 18, 16, 16
 5. 15, 18, 19

PAGE 55
 9 10
 10 19
 13 12
 10 5
 17 10
 10 18
 15 10
 8 11
 16 10
 14 7

PAGE 56
 1. (a) Already done
 (b) $10 + 6 = 16$
 (c) $7 + 9 = 16$
 (d) $8 + 8 = 16$
 2. (a) $12 + 6 = 18$
 (b) $9 + 9 = 18$
 (c) $11 + 7 = 18$
 (d) $10 + 8 = 18$
 3. (a) 7
 (b) 9
 (c) 7
 (d) 11
 (e) 7
 (f) 9
 (g) Many answers
 (h) Many answers

PAGE 57
 1. 8
 2. 6
 3. 9
 4. 4
 5. 5
 6. 11
 7. 6
 8. 4
 9. 3
 10. 11
 11. 17
 12. 14
 13. 12
 14. 7
 15. 15

PAGE 58
 18 18 18
 17 14 16 18
 19 18 18 18
 18 18 16 17

18 17 16 19
 18 18 18
Challenge:
 $7 + 6 + 5 = 18$

PAGE 59
 1. 18
 2. 16
 3. 8
 4. 16
 5. 16
 6. 16
 7. 10c 2c 2c
 8. $8 + 9 = 17$
 9. 18
 10. No answer
 11. 6, 10
 12. 18
 13. 11
 14. artwork
 15. No answer
 16. 9
 17. 6
 18. $5 + 6 + 6 = 17$
 19. 5, 7
 20. 5c 2c 2c

PAGE 60
 1. (a) Cube
 (b) Sphere
 (c) Cylinder
 (d) Cuboid

PAGE 61
 1. (a) 6, 12, 8
 (b) 1, 0, 0
 (c) 3, 2, 0
 (d) 6, 12, 8

PAGE 62
 2. I am a cylinder

PAGE 63
 1. 12, 13, 15, 17, 18
 2. 10, 11, 13, 14, 16, 17
 3. 8, 15, 19, 16, 13
 4. (a) 11, 17, 19
 (b) 10, 12, 15
 (c) 13, 14, 16
 5. (a) 19, 18, 10
 (b) 16, 11, 10
 (c) 17, 15, 12

PAGE 64
 No answer

PAGE 65
 1. 12
 1 ten 2 units
 2. 15
 $15 = 10 + 5$
 1 ten 5 units
 3. 18
 $18 = 10 + 8$
 1 ten 8 units
 4. 13
 $13 = 10 + 3$
 1 ten 3 units

PAGE 66
 1. 5, 15
 2. 1, 11
 3. 8, 18
 4. 0, 10
 5. 4, 14
 6. 2, 12
 7. 9, 19
 8. 6, 16
 9. 7, 17

PAGE 67
 $10 + 3 = 13$
 1. $10 + 6 = 16$
 2. $10 + 4 = 14$
 3. $10 + 8 = 18$
 4. $10 + 9 = 19$

PAGE 68
 Visual answer

PAGE 69
 14 13
 12 14
 13 18
 18 12
 16 16

PAGE 70
 1. (a) 12
 (b) 14
 (c) 17
 2. (a) 10
 (b) 13
 (c) 15
 3. (a) 16
 (b) 19
 (c) 18
 4. (a) 1 ten
 3 units
 (b) 1 ten
 7 units
 5. (a) 1 ten
 8 units

(b) 1 ten
 9 units

PAGE 71
 1. Visual answer
 2. (a) 16c
 (b) 18c
 (c) 13c
 (d) 17c
 (e) 19c
 (f) 20c
 f, c

3. Visual answer

PAGE 72
 1. (a) 10 5 2 1
 (b) 10 5 2
 (c) 10 5 2 2
 2. (a) 17c
 (b) 12c
 (c) 14c
 (d) 19c
 D, B

3. (a) 2
 (b) 3
 (c) 6
 4. (a) B
 (b) 9c
 (c) 1c

Challenge: No

PAGE 73
 1. 6
 2. 2
 3. 4
 4. 5
 5. 2
 6. (a) 5 5 5 2
 (b) 5 5 5 2 2
 (c) 5 5 5 5
 (d) 10 5 2 1
 7. (a) Already done
 (b) 10 2 2
 (c) 5 5 5
 (d) 5 2 2
 (e) 10 2 1
 (f) 10 5 1

PAGE 74
 1. (a) 15
 (a) 10
 (b) 16
 (c) 18
 2. Visual answer

3. Visual answer
PAGE 75
 1. (a) 17
 (b) 15
 (c) 19
 (d) 18

2. Visual answer
 3. Visual answer

PAGE 76
 No answer

PAGE 77
 1. Already done
 2. $10 + 4 = 14$
 1 ten 4 units
 3. $9, = 9$
 0 tens 9 units
 4. $16, 10 + 6 = 16$
 5. $18, 10 + 8 = 18$
 1 ten 8 units
 6. $10 + 5 = 15$
 1 ten 5 units

PAGE 78
 1. (a) 16
 (b) 11
 (c) 10
 (d) 17
 (e) 18
 (f) 18

PAGE 79
 1. (a) 17
 (b) 15
 (c) 16
 (d) 16
 (e) 18
 (f) 19
 2. Ciara
 3. Ziggy
 4. 17
 5. 16
 6. 15
 7. Dave & Jane
 8. Iggy
 9. Ciara
 10. Ziggy

PAGE 80
 1. 5c 2c 1c
 2. 15
 3. 1
 4. 7
 5. artwork
 6. 14

7. 16
8. 1
9. 4
10. $+ 7 = 17$
11. artwork
12. 16
13. 12c
14. 13
15. 9
16. 4
17. 10c 5c 2c 1c
18. 17
19. 11
20. artwork

PAGE 81

1. (a) 4
(b) 1
(c) 7
(d) 10
(e) 2
(f) 9
(g) 12
(h) 11

2. artwork
Challenge: 3

PAGE 82

1. (a) 2
(b) 4
(c) 7
(d) 10
(e) 1
(f) 6
(g) 9
(h) 11

2. $\frac{1}{2}$ past 5
3. artwork
4. Clock (h)

PAGE 83

1. (a) Morning
(b) Night
(c) Midnight
(d) Afternoon
(e) Noon
(f) Evening
2. (a) Morning
(b) 12
(c) Afternoon
(d) Night
(e) Evening
(f) Midnight
(g) i. morning

- ii. afternoon
iii. evening
iv. night

PAGE 84

1. (a) Seven
(b) Monday
(c) Sunday
(d) Thursday
(e) Five
(f) Saturday
(g) No answer
(h) No answer
(i) No answer
2. (a) Friday
(b) Saturday
(c) Wednesday
(d) Monday
(e) Tuesday
(f) Thursday
(g) Sunday

PAGE 85

1. —
2. 28, 30, 42, 31, 21
3. (a) 11 39 42
(b) 5 25 45
(c) 33 34 39
(d) 20 40 50
4. (a) 44 41 14
(b) 46 43 40
(c) 42 22 12
(d) 30 20 10

PAGE 86

1. Already done
2. 28
3. Thirty-six
4. 23
5. Thirty-one
6. 27
7. Forty-four
8. Twenty-nine
9. Twenty-six
10. Twenty-five
11. 33
12. 50
13. Forty
14. 42
15. 41
16. Thirty-four
17. Thirty-nine
18. Forty-nine

19. Thirty-five
20. 43

PAGE 87

No answer

PAGE 88

1. 25
 $25 = 20 + 5$
2 tens 5 units
2. 37
 $37 = 30 + 7$
3 tens 7 units
3. 43
 $43 = 40 + 3$
4 tens 3 units
4. 49
 $49 = 40 + 9$
4 tens 9 units

PAGE 89

- 27 41
34 46
41 34
29 27
46 29

PAGE 90

1. (a) 33
(b) 45
(c) 27
2. (a) 23
(b) 37
(c) 18
(d) 46
3. Visual answer
4. Visual answer

PAGE 91

Visual answer

PAGE 92

1. 23
2 tens 3 units
2. $10 + 8 = 18$
1 ten 8 units
3. 39
3 tens 9 units
4. 25
 $20 + 5 = 25$
5. $40 + 6 = 46$
4 tens 6 units
6. 37
 $30 + 7 = 37$
3 tens 7 units

PAGE 93

1. $30 + 6 = 36$
2. $20 + 5 = 25$

3. $40 + 3 = 43$
4. $30 + 8 = 38$
5. $40 + 9 = 49$

PAGE 94

1. (a) 5 units
(b) 27
(c) 30
(d) 4 units
(e) 8
(f) 9
(g) 43
(h) $30 + 1$
(i) $30 + 2$

2. Visual answer

PAGE 95

1. (a) 36
(b) 40
(c) 23
(d) 42
(e) 38
(f) 46

2. Visual answer

PAGE 96

Visual answer

PAGE 97

1. Visual answer
2. Visual answer
3. (a) triangles
(b) semi-circles
(c) triangles
(d) rectangles

PAGE 98

1. 2
2. 3
3. 4
4. 5
5. 6
6. 7
7. 8
8. 9
9. 10

PAGE 99

1. (a) $\frac{1}{2}$ of 8 = 4
(b) $\frac{1}{2}$ of 4 = 2
(c) $\frac{1}{2}$ of 2 = 1
(d) $\frac{1}{2}$ of 16 = 8
2. (a) $\frac{1}{2}$ of 6 = 3
 $\frac{1}{2}$ of 20 = 10

- $\frac{1}{2}$ of 14 = 7
 $\frac{1}{2}$ of 16 = 8
 $\frac{1}{2}$ of 2 = 1

- (b) double 9 = 18
double 4 = 8
double 5 = 10
double 6 = 12
double 2 = 4

PAGE 100

1. 5, 5
2. 9, 9
3. 8
4. 6, 6
5. 3, 3
Challenge: 14

PAGE 101

1. 46, 47, 49
2. 46
3. 39
4. 25
5. 35
6. artwork
7. artwork
8. 8
9. 38
10. 6
11. 47
12. 43
13. 9
14. artwork
15. 37
16. 35
17. 4
18. 39
19. 43
20. 38

PAGE 102

1. 6
2. Swimming
3. Skating
4. 2
5. 12
6. 21
7. No answer

PAGE 103

1. Triangle
2. Rectangle
3. 1

4. 17
5. No answer

PAGE 104

1. 4 clouds
6 birds
3 kites
5 butterflies

PAGE 105

- 6 Bananas
5 Melons
4 Sandwiches
5 Apples

1. 4
2. 10
3. Bananas
4. Sandwiches
5. Melons & apples
6. 20

PAGE 106

1. $4 + 13 = 17$
2. $6 + 12 = 18$
3. (a) 9
(b) 9
4. (a) 6
(b) 9
(c) 7
5. (a) 8
(b) 4
(c) 7
6. 6

Challenge: 8

PAGE 107

1. (a) 17
(b) 9
(c) Ciara 8
Cathy
(d) Cathy 8
Ciara
2. (a) 7
(b) 7
3. (a) 6 6
(b) 7 7
(c) 10 10
(d) 12 12
4. (a) 7 7
(b) 3 3
(c) 7 7
(d) 11 11

PAGE 108

1. 16 7 9

- 16 – 7 = 9
- 18 5 13
18 – 5 = 13
 - (a) 11
(b) 5
(c) 0
(d) 6
(e) 9
(f) 10
 - 17 – 5 = 12
 - 18 – 5 = 13
 - 20 – 9 = 11
- Challenge: 9

PAGE 109

- 3 9 8 5
5 8 2 4
2 8 2 6
5 3 7 3
4 6 8 5

PAGE 110

- $16c - 12c = 4c$
- $17c - 6c = 11c$
- $19c - 12c = 7c$
- $18 - 7 = 11$
- $20 - 8 = 12$
- $18 - 6 = 12$
- (a) $20 - 8c = 12c$
(b) $17c - 12c = 5c$
(c) $17c - 8c = 9c$
(d) $20c - 12c = 8c$

PAGE 111

No answer

PAGE 112

- No answer
- (a) 66
(b) 80
(c) 94
(d) 76
- (a) 14 24 41
(b) 5 50 55
(c) 34 43 89
(d) 50 60 90
- (a) 94 81 68
(b) 31 30 29
(c) 55 42 22
(d) 80 70 10

PAGE 113

- Already done
- 76
- Sixty-four
- 94
- 63
- Sixty-eight
- 58
- Sixty-one
- Seventy-one
- Fifty-five
- Seventy-seven
- 66
- Eighty-four
- 88
- 83
- Eighty
- 57
- Ninety-three
- Seventy-five
- 99

PAGE 114

- (a) 57
(b) 78
(c) 94
(d) 74
(e) 80
(f) 59
(g) 87
- Visual answer

PAGE 115

Visual answer

PAGE 116

- 62
- $50 + 6 = 56$
- Visual answer
- $80 + 4 = 84$
- $90 + 7 = 97$
- $60 + 7 = 67$

PAGE 117

- 56
- $60 + 3 = 63$
6 tens 3 units
- 86
 $80 + 6 = 86$
- 77
 $70 + 7 = 77$
7 tens 7 units
- 89
 $80 + 9 = 89$
8 tens 9 units
- 90

$90 + 0 = 90$
9 tens 0 units

PAGE 118

- (a) 77
(b) 67
(c) 90
(d) 59
(e) 40
(f) 71
(g) 80
(h) 96
- No answer

PAGE 119

- (a) Already done
(b) 97
(c) 60
(d) 9 units
(e) 8
(f) $4 + 9$
(g) $8 + 7$
(h) 87
(i) $59 + 9$
(j) $88 + 8$
- Visual answer

PAGE 120

- 10 5 5
- 94
- 48
- 7
- 15
- artwork
- $8 + 4 + 4 = 16$
- 3 tens
- 56
- 10
- artwork
- 6
- 8
- 76
- 97
- 68
- 11
- 7 tens 8 units
- 16
- artwork

PAGE 121

- lighter
- heavier
- the same
- the same

- heavier
- lighter

Challenge:

- pear
- pineapple
- orange & apple
- apple
- apple
- pear
- pineapple

PAGE 122

- (a) 2
(b) 17
(c) 7
(d) 17
(e) 3
(f) 18
- (a) lunchbox
(b) marker
(c) pencil
(d) pencilcase
(e) pencilcase & book
(f) 20
(g) 9

Challenge:

- 6
- 20

PAGE 123

Answers vary

PAGE 124

- lighter
feather
ring
sock
about
flour
sugar
bananas
heavier
dog
tree
house

PAGE 125

- 4 8 10
- 4 10
14 16 20
- (a) 14, 16, 18
(b) 28, 32, 34, 36
(c) 14, 16, 20, 22

PAGE 126

- 15, 20, 25
- 10, 15, 20, 25, 30
- 5c, 15c, 20c, 25c, 30c, 35c, 45c
- (a) 20
(b) 60
(c) 5 or 0
(d) 5 15 30 35 45 55 65

Challenge: 20

PAGE 127

- 10, 30, 40
- 10c 20c 40c
50c 60c 70c
- (a) 20
(b) 30
(c) 50
(d) 70
- (a) 30
(b) 20
(c) 70
(d) 40
(e) 0 (zero)
(f) 10, 20, 50, 80, 90

PAGE 128

Visual answer

PAGE 129

- (a) 63 36
(b) 54 45
(c) 65 56
(d) 64 46
- (a) 84 48
(b) 75 57
(c) 93 39
(d) 86 68
- (a) 45 54
(b) 23 32
(c) 46 64
(d) 56 65
- (a) 59 95
(b) 49 94
(c) 67 76
(d) 69 96

Challenge: 93, 23

PAGE 130

Down

- fifty-seven
- sixteen

Across

- ten
- three
- twenty
- one
- four
- eighty
- sixty-two
- ninety

Wordsearch:

- Row 1: seventy
Row 2: twelve
Row 3: thirteen
Row 4: eighty
Row 5: sixty-three
Row 6: unit, ten
Row 7: abacus
Row 8: fifty-four
Row 9: Ninety-one
Row 20: more, less

PAGE 131

- + 4
 $30 + 4 + 4 = 38$
- + 6
 $30 + 3 + 6 = 39$
- + 7
 $40 + 2 + 7 = 49$
- (a) 26
(b) 38
(c) 48
- (a) 39
(b) 49
(c) 67

PAGE 132

- (a) 27
(b) 39
(c) 28
(d) 37
(e) 28
(f) 49
- (a) 49
(b) 59
(c) 68
(d) 77
(e) 88
(f) 97
- 28
- 68

PAGE 133

- 36
- $+ 10 = 43$
- $37 + 20 = 57$
- $25 + 40 = 65$
- 46
- 64

Challenge: 72

PAGE 134

- (a) 30
(b) 50
(c) 80
- (a) 42
(b) 66
(c) 67
- (a) 64
(b) 39
(c) 72
- +10
25
35
45
55
65
75
85
95
- +20
28
38
48
58
68
78
88
98
- +10
44
29
75
54
67
71
64
99

- 28 38 48
- 47 67 87

Challenge: 56

PAGE 135

Visual answers

PAGE 136

- (a) $20 + 20 = 40$
(b) $40 + 20 = 60$
(c) $30 + 10 = 40$
- (a) $40 + 20 = 60$
(b) $30 + 30 = 60$
(c) $60 + 30 = 90$
- (a) 50
(b) 90
(c) 60
(d) 70

PAGE 137

- (a) Kettle
(b) yoghurt
(c) Swimming Pool
(d) bottle
- (a) full
(b) nearly empty
(c) nearly full
(d) empty
- Visual answer

PAGE 138

- Visual answers

PAGE 139

- 3
- 10
- bucket
- jug
- 9
- 4
- 7
- 6
- 18

Challenge: 2

PAGE 140

- less
cup
egg cup
spoon
- about
milk
juice
ice cream
- more
pool
bath
bucket

PAGE 141

- $5 + 6 + 8 = 19$

2. 10 5 2 2

- 20
- 36
- $18 - 6 = 12$
- 8
- artwork
- 39
- 8
- 5
- 18c
- 72
- artwork
- 66
- 10 5 2
- 75
- tractor
- 7
- 8
- artwork

PAGE 142

- (a) 58
(b) 47
(c) 69
(d) 67
- (a) 68
(b) 97
(c) 78
(d) 88
- (a) 68
(b) 89
(c) 79
(d) 69
(e) 97
(f) 99

Challenge: 59

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- (a) Already done
(b) $3 \times 5 = 35$
(c) $4 \times 4 = 44$
(d) $5 \times 2 = 52$
(e) $6 \times 5 = 65$
(f) $7 \times 7 = 77$
- (a) $3 \times 6 = 36$
(b) $6 \times 5 = 65$
(c) $8 \times 2 = 82$
(d) $7 \times 1 = 71$
(e) $9 \times 8 = 98$
(f) $2 \times 4 = 24$

Challenge:

- $6 \times 6 = 66$
(b) $7 \times 7 = 77$

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- (a) Already done
(b) 15
(c) 12
- (a) 17
(b) 11
(c) 14
(d) 14

Challenge: 18

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- (a) 35
(b) 44
(c) 52
(d) 42
- (a) 70
(b) 92
(c) 85
(d) 63

Challenge: 57

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- (a) 14
(b) 12
(c) 15
(d) 13
(e) 12
(f) 12
- (a) 26
(b) 64
(c) 71
(d) 50
(e) 83
(f) 95
- 14
- 52
- (a) $X \times 7$
(b) $\sqrt{13}$
(c) $X \times 97$
(d) $\sqrt{62}$
(e) $\sqrt{50}$
(f) $X \times 69$

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- $+ 50 + 4$
 $88 + 4 = 92$
- $+ 30 + 7$
 $88 + 7 = 95$
- $+ 20 + 6$
 $49 + 6 = 55$
- $+ 40 + 4$
 $58 + 4 = 62$
- $46 + 30 + 6$
 $76 + 6 = 82$

6. $38 + 30 + 6$
 $68 + 6 = 74$

- (a) 72
(b) 64
(c) 63
- (a) 82
(b) 94
(c) 83
- (a) 74
(b) 58
(c) 74

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- (a) 71
(b) 41
(c) 84
(d) 30
- (a) 51
(b) 62
(c) 91
(d) 80
(e) 97
(f) 71
- (a) 84
(b) 63
(c) 81
(d) 71
(e) 93
(f) 87

Challenge: 61

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- (a) $X \times 9$
(b) $X \times 39$
(c) $\sqrt{13}$
(d) $\sqrt{30}$
(e) $X \times 29$
(f) $\sqrt{43}$
- (a) $\sqrt{10}$
(b) $\sqrt{81}$
(c) $\sqrt{90}$
(d) $X \times 74$
(e) $X \times 98$
(f) $\sqrt{91}$

3. 71

4. 69

5. 54

6. 56

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- Visual answer
- (a) 20c 5c
2c 2c
(b) 20c 10c
5c 2c

- (a) 20c 20c
2c 2c
(d) 20c 20c 5c
2c 1c

- (a) 1c
(b) 2c

Challenge:

- (a) Mark
(b) 18c

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- (a) 41c
(b) 35c
(c) 42c
(d) 49c
(e) 45c
(f) 38c
- (a) $46c \ 4c$
 $2c \ 2c$
(b) $34c \ 16c$
 $10c \ 5c \ 1c$
(c) $42c \ 8c$
 $5c \ 2c \ 1c$

Challenge:

Ziggy by 8c

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Visual answer

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- (a) 15c
(b) 17c
(c) 18c
(d) 44c
(e) 25c
(f) 48c
(g) 37c
(h) 13c
(i) 19c
(j) 30c
(k) 40c
(l) 50c
(m) 20c
(n) 11c
(o) 16c
(p) 31c

Wordsearch:

Row 1: thirty, sixteen

Row 2: seventeen, forty

Row 3: fifty, nineteen

Row 4: eighteen

Row 5: twenty-five

Row 6: forty-four

Row 7: eleven, twenty
 Row 8: thirty-one
 Row 9: forty-eight
 Row 10: thirty-seven
 Row 11: fifteen
 Row 12: thirteen

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1. (a) 65c
 (b) 82c
 (c) 95c
 2. (a) 85c
 (b) 74c
 (c) 77c
 (d) 92c
 (e) 80c
 (f) 76c
 3. (a) 50c 20c 5c
 (b) 50c 20c 20c
 (c) 50c 10c 5c 2c
 4. 85c
Challenge:
 (a) 45c
 (b) 10c
 (c) 80c

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1. 34
 2. 42
 3. (a) 21
 (b) 32
 (c) 51
 (d) 81
 (e) 73
 (f) 64
 4. (a) 70
 (b) 96
 (c) 60
 (d) 61
 (e) 52
 (f) 81

Challenge: 32

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1. (a) 20
 (b) 50
 (c) 30
 2. (a) 8
 (b) 9
 (c) 22
 3. (a) 54

- (b) 41
 (c) 44
 4. 8
 18
 28
 38
 48
 58
 68
 78

5. 3
 13
 23
 33
 43
 53
 63
 73
 6. 27
 42
 23
 79
 84
 58
 61
 35
 7. 74 64 54
 8. 50 30 10

Challenge:

- (a) 80, 70, 50, 40, 30, 10
 (b) 74, 64, 54, 34, 24, 4
 (c) 96, 76, 56, 36, 26, 16
 (d) 85, 75, 65, 45, 25, 5

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1. (a) 12
 (b) 22
 (c) 31
 (d) 23
 2. (a) 34
 (b) 10
 (c) 34
 (d) 40
 3. (a) 11
 (b) 13
 (c) 33
 (d) 32
 (e) 22
 (f) 23

Challenge: 33

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1. (a) $\frac{1}{2}$ past 5
 $\frac{1}{2}$ past 7
 (b) $\frac{1}{2}$ past 12
 $\frac{1}{2}$ past 2
 2. 30 minutes
 3. (a) 3 o'clock
 4 o'clock
 $\frac{1}{2}$ past 3
 (b) 11 o'clock
 12 o'clock
 $\frac{1}{2}$ past 11

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1. (a) 4
 (b) $\frac{1}{2}$ 4 past
 (c) 5
 (d) $\frac{1}{2}$ 5 past
 (e) 6
 (f) $\frac{1}{2}$ 6 past
 2. (a) 4 o'clock
 (b) 5 o'clock
 (c) $\frac{1}{2}$ past 6
 (d) Builder Dan
 (e) News
 (f) News
 (g) Adventure Island
 (h) Builder Dan
 (i) Sport

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1. 12
 2. January
 February
 March
 April
 May
 June
 July
 August
 September
 October
 November
 December
 3. February
 May
 August
 October
 4. 4
 5. (a) February
 March
 April
 (b) May

- June
 July
 (c) August
 September
 October
 (d) November
 December
 January
 6. (a) winter
 (b) summer
 (c) spring
 (d) autumn

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1. 31
 2. Sunday
 3. Tuesday
 4. St. Patrick's
 5. 4
 6. 4
 7. February
 8. April
 9. Friday
 10. May
 summer

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1. (a) 10
 (b) 63
 (c) 81
 (d) 0
 (e) 88
 (f) 57

2. 78

3. 14m

4. 3

5. 42

6. 64

Challenge:

- (a) Already done
 (b) 18
 (c) 24
 (d) 17
 (e) 83

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Answers will vary

PAGE 164

1. 34
 2. 59
 3. 30
 4. 40
 5. 39
 6. 2 tens 6 units

7. 4
 8. 3
 9. 5c
 10. 8c
 11. 37c
 12. artwork
 13. 26
 14. 88, 90, 91
 15. 17
 16. 47
 17. Visual answer
 18. $7 + 8 + 7 = 22$
 19. 9
 20. 78