

## Getting Started

### Introducing Cooperative Logic

*Students should self-correct by checking all of the clues*

#### Activity Sheet 1: City Block

Top Row from left: Supermarket, Dress shop, Chemist;  
Bottom Row from left: Department store, Book shop, Shoe shop, Post office

#### Activity Sheet 2: The Flats

Left side from top: Fisher, Bates, Sartori  
Right side: Tran, Woods, Johannsen

#### Activity Sheet 3: Herb Garden

Clockwise from 12 o'clock: Basil, Oregano, Parsley, Rosemary, Dill, Garlic, Mint, Sage

#### Activity Sheet 4: School Fete

North side from west: Plants, Lucky wheel, Art & craft, South side from west: Hot dogs, Clothes, Cakes

#### Activity Sheet 5: Build It 1

Two layers in the structure.  
Bottom layer Row 1: \_\_\_\_ Red \_\_\_\_  
Row 2: Blue Green Blue  
Row 3: \_\_\_\_ Red \_\_\_\_  
Top layer Yellow in centre of Row 2 (on top of green)

#### Activity Sheet 6: Build It 2

The structure is a tower 6 layers high  
1<sup>st</sup> (bottom): Yellow, 2<sup>nd</sup> Blue,  
3<sup>rd</sup> Green, 4<sup>th</sup> Blue, 5<sup>th</sup> Red, 6<sup>th</sup> (top) Yellow

#### Activity Sheet 7: Build It 3

The structure is 3 layers – like steps  
Bottom layer: Red Orange Green  
Middle layer: Yellow Blue \_\_\_\_  
Top layer: Red \_\_\_\_ \_\_\_\_

### Moving Numbers

#### Activity Sheet 1: Numbers in circles

Order from left: 7 3 5 2 8  
Order from left 9, 6 4, 5 3, 7 8

#### Activity Sheet 2: Numbers in Triangles

Clockwise from top: 6 5 2; 8 2 4; 9 4 6

### Quick Questions

#### Activity Sheet 1:

1. \$7 2. \$25 3. \$40 4. \$300 5. \$506

#### Activity Sheet 2:

Multiplication tables:  
1. 45 2. 48 3. 0 4. 36 5. 56  
Adding 9:  
1. 20 2. 43 3. 67 4. 81 5. 114

#### Subtracting 9:

1. 36 2. 14 3. 63 4. 95 5. 226  
In the head money calculations  
1. \$3.97 2. \$3.98 3. \$8.97 4. \$7.90  
5. \$19.90

#### Multiplying by 10 & 100:

1. 30 2. 500 3. 1,100 4. 2,000  
5. 3,050

#### Halving (50%)

1. 8 2. 12 3. 34 4. 18 5. 28

#### Halving Twice ( $\div 4$ , $\frac{1}{4}$ , 25%)

1. 21 2. 25 3. 7 4. 31 5. 210

#### Dividing by 10 (1/10, 10%)

1. \$5 2. \$30 3. \$700 4. \$64 5. \$905

#### Shortcut percentages

1. \$90 2. \$180 3. \$120 4. \$240 5. \$200

#### Shortcut percentages

1. \$30 2. \$60 3. \$80 4. \$40 5. \$120

### 10 Questions

#### Activity Sheet 1: Sample Sets

##### Set 1

1. 70c 2. 50c 3. 10c 4. 80c 5. 30c  
6. 90c 7. 60c 8. 20c 9. 40c 10. 0c

##### Set 2

1. 5c 2. 45c 3. 85c 4. 25c 5. 65c  
6. 35c 7. 55c 8. 95c 9. 15c 10. 75c

#### Activity Sheet 2:

##### In head +n & -n

1. 60 6. 85  
2. 80 7. 44  
3. 20 8. 22  
4. 40 9. 55  
5. 30 10. 31

##### In head +n & -n of money

1. \$4 6. \$18.50  
2. \$6 7. \$26.40  
3. \$10 8. \$47.25  
4. \$13 9. \$5.20  
5. \$20 10. \$4.10

##### Doubling & halving

1. \$10 6. \$5  
2. \$1 7. \$14.40  
3. \$5 8. \$42  
4. \$1.50 9. \$360  
5. \$72 10. \$23.60

##### Time calculations

1. 35mins/2pm 6. 55mins/9pm  
2. 20mins/4pm 7. 10mins/6am  
3. 15mins/10am 8. 40mins/11am  
4. 10mins/2pm 9. 15mins/3pm  
5. 50mins/1am 10. 45mins/8pm



## Exploring Numbers

### Number Patterns

#### Practice Sheet 1:

1. (+1) 5, 6 ... 9, 10
2. (+2) 12, 14, 16, 18
3. (+5) 30, 35, 40, 45 .. 55
4. (+10) 40, 50, 60, 70, 80, 90 .. 110
5. (+20) 120, 140, 160, 180, 200, 220
6. (+10) 15 .. 65, 75, 85, 95, 105
7. (+10) 4, 14, 24 ... 84, 94
8. (+50) 0 .. 200, 250, 300, 350, 400, 450

#### Practice Sheet 2:

1. (+2) 9, 11, 13, 15, 17
2. (+4) 0 .. 20, 24, 28, 32, 36
3. (+3) 3 .. 18, 21, 24, 27, 30
4. (-2) 24 .. 16, 14, 12, 10
5. (+9) 9 .. 45, 54, 63, 72
6. (-4) 32 .. 16, 12, 8, 4
7. (+8) 22 .. 54, 62, 70, 78
8. (-10) 70, 60, 50, 40, 30, 20, 10, 0

#### Practice Sheet 3:

1. (+1,000) 4,000 5,000 6,000
2. (+25) 100, 125, 150
3. (+7) 43 .. 31, 28
4. (+11) 0 .. 44, 55
5. (-200) 1,000 .. 200, 0
6. (-2) 31 .. 23, 21
7. (+8) 9 .. 41, 49
8. (+15) 60, 75, 90

#### Practice Sheet 4:

1. (+20 c) \$1.20, \$1.40, \$1.60, \$1.80
2. (+50 c) \$2.50, \$3.00, \$3.50, \$4.00, \$4.50
3. (+10 c) 60c, 70c, 80c, 90c, \$1.00, \$1.10
4. (+5 c) \$1.20, \$1.25, \$1.30, \$1.35, \$1.40
5. (+ \$20) \$100, \$120, \$140, \$160, \$180
6. (+5 c) 20c, 25c, 30c, 35c, 40c, 45c
7. (+20 c) \$1.80, \$2.00, \$2.20, \$2.40
8. (+5 c) \$2.20, \$2.25, \$2.30, \$2.35, \$2.40

#### Practice Sheet 5:

1. (+2 mins) 10 mins, 12 mins, 14 mins
2. (+5 secs) 25 secs, 30 secs, 35 secs
3. (+30 mins / ½ hr) 2 hrs, 2 ½ hrs, 3 hrs
4. (+5 mins) 2 hrs, 2hrs 5 mins, 2 hrs 10 mins
5. (+ 5 mins) quarter past 2, 20 past 2, 25 past 2
6. (+ 15 mins) 7, 7.15, 7.30
7. (+ 5 mins) 1 hr, 1 hr 5 mins, 1 hr 10 mins
8. (+ 5 mins) 5 past 9, 10 past 9, quarter past 9

### Capital Cities of Australia

#### Practice Sheet 1: Approximating Populations

1. largest 2. lowest 3. a bit less than
- 4 & 5. just over/approximately
7. smaller 8. second

### What's the Secret Number?

Activity Sheet 1: 32 Activity Sheet 2: 26  
Activity Sheet 3: 46 Activity Sheet 4: 36  
Activity Sheet 5: 17

### Talking About Numbers

Activity Sheet 1: The number is 83  
Activity Sheet 2: The number is 27

### Estimate or Accurate

#### Activity Sheet 1:

##### Estimate or Accurate Language

1. about E, just under E, exactly A,  
a bit over E, roughly E, spot on A, nearly E,  
almost A, precisely A, approximately E,  
a little bit less than E, accurately A
3. 1. E 2. A 3. E 4. E 5. A  
6. E 7. E 8. A 9. E 10. A (or E discuss)

#### Activity Sheet 2: Estimate or Accurate

##### Numberers 1 and 2:

Accurate	Matching Estimate
\$3.95	\$4
\$52.85	\$50
\$10,985	\$11,000
29 c	30 cents
267 km	300 km
22 c	20 c
3,110 km	3,000 km

Other estimates: \$3, 20 km, 4,000 km \$10,000

##### 3. Answers will vary

#### Practice Sheet 1: Can I afford it?

1. Yes 2. No 3. Yes 4. No
5. Yes 6. No 7. No 8. No
9. \$40 10. \$24 11. \$22 12. \$37



## In the Head

### Useful Number Pairs

There are many possible combinations for each grid.  
They are correct if the numbers shown remain unpaired or spare.

#### Practice Sheet 1:

Top left grid: 7, Top right grid: 3 Middle grid: 4,  
Bottom left grid: 6, Bottom right grid: 9

#### Practice Sheet 2:

Top left grid: 70, Top right grid: 60  
Middle left grid: 15, Middle right grid: 85  
Bottom grid: 35

### Calculating Change

#### Practice Sheet 1:

##### Set 1:

- |        |        |
|--------|--------|
| 1. 70c | 6. 90c |
| 2. 50c | 7. 60c |
| 3. 10c | 8. 20c |
| 4. 80c | 9. 40c |
| 5. 30c | 10. 0c |

##### Set 2:

- |        |         |
|--------|---------|
| 1. 40c | 6. 80c  |
| 2. 70c | 7. 40c  |
| 3. 50c | 8. 0c   |
| 4. 20c | 9. 90c  |
| 5. 30c | 10. 10c |

##### Set 3:

- |        |         |
|--------|---------|
| 1. 5c  | 6. 35c  |
| 2. 45c | 7. 55c  |
| 3. 85c | 8. 95c  |
| 4. 25c | 9. 15c  |
| 5. 65c | 10. 75c |

#### Practice Sheet 2

##### Set 4:

- |           |            |
|-----------|------------|
| 1. 50c    | 6. 80c     |
| 2. 15c    | 7. 65c     |
| 3. 35c    | 8. \$1.15  |
| 4. \$1.10 | 9. 5c      |
| 5. 95c    | 10. \$1.45 |

##### Set 5:

- |           |            |
|-----------|------------|
| 1. \$1.50 | 6. \$3.65  |
| 2. 25c    | 7. \$2.10  |
| 3. \$3.50 | 8. 90c     |
| 4. \$2.75 | 9. \$2.50  |
| 5. 60c    | 10. \$3.90 |

##### Set 6:

- |           |            |
|-----------|------------|
| 1. \$5.50 | 6. \$1.70  |
| 2. 75c    | 7. \$7.50  |
| 3. \$2.50 | 8. \$5.10  |
| 4. \$4.30 | 9. \$2.75  |
| 5. \$5.40 | 10. \$3.65 |

#### Mixed Set 1:

- |           |           |
|-----------|-----------|
| 1. 65c    | 6. \$35   |
| 2. 85c    | 7. \$1    |
| 3. \$2    | 8. \$2    |
| 4. \$1.60 | 9. \$2.65 |
| 5. 25c    | 10. \$5   |

#### Mixed Set 2:

- |            |            |
|------------|------------|
| 11. 55c    | 16. \$15   |
| 12. 65c    | 17. \$1    |
| 13. \$2    | 18. \$5    |
| 14. \$1.70 | 19. \$3.05 |
| 15. 75c    | 20. \$5    |

### Subtraction using Counting On

#### Practice Sheet 1: Counting on for subtraction

- |         |         |         |         |        |         |
|---------|---------|---------|---------|--------|---------|
| 1. 64   | 2. 164  | 3. 264  | 4. 664  | 5. 964 |         |
| 6. 53   | 7. 74   | 8. 47   | 9. 39   | 10. 81 | 11. 380 |
| 12. 252 | 13. 196 | 14. 385 | 15. 407 |        |         |

#### Practice Sheet 2: How much further is it?

- |         |          |          |          |          |
|---------|----------|----------|----------|----------|
| 1. 96km | 2. 431km | 3. 319km | 4. 273km | 5. 556km |
|---------|----------|----------|----------|----------|

#### Practice Sheet 3: How long ago?

Answers depend on the current year

### Addition with Useful Number Pairs

#### Activity Sheet 1:

- |         |            |             |         |         |
|---------|------------|-------------|---------|---------|
| 1. 39   | 2. 36      | 3. 46       | 4. 43   |         |
| 5. 385  | 6. 360     | 7. 400      | 8. 280  |         |
| 9. 199  | 10. 159    | 11. 365     | 12. 410 | 13. 298 |
| 14. 200 | 15. 300    | 16. 500     | 17. 800 |         |
| 18. 600 | 19. \$4.15 | 20. \$29.70 |         |         |

### Doubling Up

#### Practice Sheet 1:

- |     |         |         |
|-----|---------|---------|
|     | for 2   | for 4   |
| 1.  | \$10    | \$20    |
| 2.  | \$18    | \$36    |
| 3.  | \$22    | \$44    |
| 4.  | \$30    | \$60    |
| 5.  | \$134   | \$268   |
|     | for 2   |         |
| 6.  | \$196   |         |
| 7.  | \$468   |         |
| 8.  | \$1,034 |         |
| 9.  | \$5,800 |         |
| 10. | \$1,418 |         |
|     | for 2   | for 4   |
| 11. | \$1     | \$2     |
| 12. | \$1.50  | \$3     |
| 13. | \$6.40  | \$12.80 |
| 14. | \$8.90  | \$17.80 |
| 15. | \$15    | \$30    |

### The Power of Halving

#### Practice Sheet 1: Halving Money

- |              |             |              |              |           |          |
|--------------|-------------|--------------|--------------|-----------|----------|
| 1. \$3.50    | 2. \$9      | 3. \$30      | 4. \$200     | 5. \$35   | 6. \$450 |
| 7. \$8       | 8. \$11.50  | 9. \$15.50   | 10. \$26     | 11. \$135 |          |
| 12. \$125    | 13. \$82.50 | 14. \$116.50 | 15. \$253.50 |           |          |
| 16. \$195.50 |             |              |              |           |          |



### Practice Sheet 2: Halving Twice

#### Set 1:

1. 8     6. 212
2. 16    7. 115
3. 30    8. 125
4. 80    9. 171
5. 205   10. 40

#### Set 2:

1. 9     6. 121
2. 25    7. 160
3. 90    8. 75
4. 51    9. 104
5. 60    10. 27

#### Set 3:

1. 27    6. 150
2. 13    7. 201
3. 70    8. 175
4. 32    9. 37.5
5. 204   10. 62.5

### Splitting Numbers for Addition & Multiplication

#### Practice Sheet 1:

1. 99   2. 59   3. 98   4. 69
5. 80   6. 100   7. 149   8. 90
9. 389   10. 472   11. 619   12. 391
13. 1,365   14. 1,070   15. 1,207
16. 1,911   17. 162   18. 868
19. 1,035   20. 756

### Multiplying by tens

#### Practice Sheet 1:

Students to check with calculator

#### Practice Sheet 2:

1. 40km; 80km   2. 160 muesli bars
3. 20 mins; 1 hour; 200 mins or 3 hrs 20 mins

### Division by tens

#### Practice Sheet 1:

4. 120 tablets   5. 6,000 words; 3,600 words
6. 3,000 sheets; 5,000 sheets   7. \$200; \$400

#### Set 1:

1. 7     6. 3
2. 70    7. 30
3. 700   8. 300
4. 800   9. 32
5. 90    10. 320

#### Set 2:

1. 8     6. 304
2. 9     7. 72
3. 6     8. 102
4. 400   9. 1500
5. 120   10. 156

#### Set 3:

1. 4     6. 103
2. 400   7. 610
3. 60    8. 62
4. 5     9. 140
5. 12    10. 325

### Practice Sheet 2

#### Set 4:

1. 90    6. 120
2. 9     7. 120
3. 3     8. 43
4. 20    9. 5
5. 1400   10. 102

#### Set 5:

1. 5     6. 1,020
2. 35    7. 400
3. 7     8. 501
4. 60    9. 20,000
5. 29    10. 101

#### Set 6:

1. 60    6. 18
2. 30    7. 600
3. 3     8. 215
4. 80    9. 5
5. 200   10. 51



# Fractions

## Meaning of Fractions

### Practice Sheet 1:

- $\frac{1}{2}$ , one half / a half;  $\frac{1}{8}$ , one eighth;  
 $\frac{3}{4}$ , three quarters;  $\frac{2}{3}$ , two thirds;  
 $\frac{4}{9}$ , four ninths;  $\frac{3}{8}$ , three eighths;  
 $\frac{4}{10}$ , four tenths; 1, one whole.

## Comparing Fractions

### Activity Sheet 1:

1.  $\frac{1}{4}$  6.  $\frac{1}{8}$   
2.  $\frac{1}{12}$  7.  $\frac{1}{12}$   
3.  $\frac{1}{8}$  8.  $\frac{1}{4}$   
4.  $\frac{1}{3}$  9.  $\frac{1}{8}$   
5.  $\frac{1}{12}$  10.  $\frac{1}{6}$

### Practice Sheet 1: The Smallest Fraction

1.  $\frac{1}{8}$  2.  $\frac{1}{12}$  3.  $\frac{1}{10}$  4.  $\frac{1}{100}$   
5.  $\frac{3}{10}$  6.  $\frac{2}{100}$  7.  $\frac{1}{2}$

### Practice Sheet 2:

#### Same Name - Different Fraction

1.  $\frac{5}{10}$  yes 2.  $\frac{3}{6}$  yes 3.  $\frac{4}{10}$  no  
4.  $\frac{4}{12}$  no 5.  $\frac{4}{16}$  yes 6.  $\frac{4}{10}$  no

## Sorting Fractions of ..

### Activity Sheet 1:

### Activity Sheet 2:

### Practice Sheet 1: Fractions of ..

1. \$7, \$8.50 2. \$8.50 3. \$2.10, \$1.05

### Practice Sheet 2: Fractions of: Sales

- \$10, \$15, \$22.50, \$45, \$18

### Practice Sheet 3: Fractions of ..

- 5km, 10km, 15km  
6 eggs, 3 eggs, 9 eggs, 18 eggs  
250 grams, 750 grams

## Exploring Mixed Numbers

### Practice Sheet 1:

1.  $1\frac{1}{2} = \frac{3}{2}$ ,  $1\frac{1}{4} = \frac{5}{4}$ ,  $1\frac{3}{4} = \frac{7}{4}$   
2.  $1\frac{1}{2} \rightarrow \frac{3}{2}$ ,  $1\frac{1}{4} \rightarrow \frac{5}{4}$ ,  $2\frac{1}{4} \rightarrow 9$  quarters  
 $1\frac{3}{4} \rightarrow 7$  quarters,  $2\frac{1}{2} \rightarrow 5$  halves,  $1 \rightarrow \frac{4}{4}$ ,  
 $2 \rightarrow 4$  halves,  $1\frac{1}{3} \rightarrow$  four thirds

### Practice Sheet 2:

1. 12 2. 2 3.  $3\frac{1}{2}$  4. 12 5.  $1\frac{1}{2}$  litres

### Practice Sheet 3:

1. 3 cups flour,  $\frac{1}{4}$  cup butter, 2 teaspoons spice  
 $\frac{1}{2}$  cup sugar, 1 cup chopped walnuts,  
 $\frac{2}{3}$  cup sultanas, 1 cup milk  
2. 7 cups rolled oats, 3 cups wheat germ,  $\frac{1}{2}$  cup bran  
1 cup sultanas,  $1\frac{1}{2}$  cups sunflower seeds,  
 $2\frac{1}{2}$  cups mixed nuts, 1 cup coconut



# Percentages

## Percentage of our lives

### Shortcut Percentages: 50%, 25%, 75%

Practice Sheet 1: Shortcut calculations 50%

Discount price:	Discount price:
\$225	\$209
\$42.45	\$143.50
\$26.50	\$52.50
	\$13.65

Practice Sheet 2: Shortcut calculations 25%

Discount: \$20 New price: \$60	Discount: \$3 New price: \$9
New price: \$9	
New price: \$13.50	New price: \$63
New price: \$84	New price: \$28.50
	New price: \$12.75

Practice Sheet 3: Sharing Taxis

	50%	25%	75%
1.	\$14	\$7	\$21
2.	\$18	\$9	\$27
3.	\$23.50	\$11.75	\$35.25
4.	\$16	\$8	\$24
5.	\$17.50	\$8.75	\$26.25
6.	\$12.30	\$6.15	\$18.45
7.	\$9.25	\$4.63	\$13.88 /\$13.90
8.	\$13.65	\$6.83	\$20.48 /\$12.50
9.	\$17.85	\$8.93	\$26.78 /\$26.80

### Shortcut Percentages: 10%

Practice Sheet 1: 10% GST & Wastage

GST	Charge with GST	
1. \$4	6. \$44	
2. \$7	7. \$77	
3. \$15	8. \$165	
4. \$9	9. \$99	
5. \$38	10. \$418	
11. 2 litres	12. 13 tiles	13. 42 bricks
14. 500 bricks	15. 650 bricks	

Practice Sheet 2: Tips and Service Charges

Tip	Payment
1. \$2.80/\$3	6. \$30.80/\$31
2. \$3.90/\$4	7. \$42.90/\$43
3. \$4.70/\$5	8. \$51.70/\$52
4. \$5.20/\$5	9. \$57.20/\$57
5. \$10.50/\$11	
10. \$115.50/\$116	
11. \$3.60; \$39.60	12. \$4.90; \$53.90
13. \$7.80; \$85.80	14. \$12.30; \$135.30
15. \$10.90; \$119.90	

### Shortcut Percentages: 20%, 30% ... 5%

Practice Sheet 1: 30% Off everything

Discount: \$1.80 New Price \$4.20	Discount: \$2. New Price \$6.3070
Discount: \$2.10 New Price \$4.90	New Price \$7.70
New Price \$6.65	New Price \$7.35

Practice Sheet 2:

- Ani: \$64, \$64, \$160, \$32  
Kim: \$98, \$98, \$245, \$49  
Car factory: 26, 130, 78, 52, 234 workers

Practice Sheet 3:

Discount: \$2 Final Price \$38	Discount: \$24 Final Price \$456
Discount: \$33 Final Price \$627	Discount: \$13.50 Final Price: \$256.50
Discount: \$1.50 Final Price \$28.50	Discount: \$17.50 Final Price \$332.50

Practice Sheet 4:

1. Deposit \$380, Loan \$3,420 Interest \$513  
2. Interest \$975 3. Charge \$140 Total repaid \$540  
4. Charge \$87.50 Total repaid \$337.50  
5. Interest \$1,330 6. Interest \$2,275

### Shortcut Percentages: 1%, 2%, 3%

Practice Sheet 1: Price rises

- 1%: 9c  
2%: 18c  
New Price \$9.18 1%: 11c  
2%: 22c  
New Price \$11.22  
1%: 27c  
2%: 54c  
New Price \$27.54 1%: 59c  
2%: \$1.18  
New Price \$60.18  
1%: \$1.60  
2%: \$3.20  
New Price \$163.20 1%: \$2.40  
2%: \$4.80  
New Price \$244.80

Style	1%	3%	New price
Rosa	60c	\$1.80	\$61.80
Caterina	72c	\$2.16	\$74.16
Patrizia	\$1.12	\$3.36	\$115.36
Mina	\$1.35	\$4.05	\$139.05
Venezia	\$1.54	\$4.62	\$158.62

Practice Sheet 2: How much? How Many?

1. \$33 2. \$98 3. \$189 4. \$612 5. \$208 6. \$134.40  
7. 78/79 people 8. 90 people 9. 38 people  
10. 220/221 people



**Shortcut Percentages:****The per hundred method**

Practice Sheet 1: Increasing Incomes

1. \$12
2. \$28
3. \$54
4. \$5
5. \$5.50
6. \$555.50
7. \$566.50

Practice Sheet 2: Increasing Incomes

1. Any answer between \$9.50 - \$10
2. Approximately \$40.50
3. About \$32
4. About \$820
5. Approximately \$189
6. About \$105

**Shortcut Percentages: Cents in the dollar**

Practice Sheet 1: Cents in the dollar –

Discounts

1. \$3.72	2. \$2.79
3. \$5.58	4. \$4.65
5. \$4.18 or \$4.19	6. \$1.39 or \$1.40

1. \$3.52	2. \$2.64	3. \$5.28
4. \$4.40	5. \$3.96	6. \$1.32

Practice Sheet 2: Cents in the dollar –

Discounts

Discount: 50 c Final Price \$9.50	Discount: 10c Final Price \$1.90
Discount: 25 c Final Price \$4.75	Discount: 15c Final Price \$2.85
Discount: 30 c Final Price \$5.70	Discount: 22 c or 23 c Final Price \$4.28 or \$4.27

**Percentages on the calculator**

Activity Sheet 1:

1. Approximate \$72, Exact \$69
2. Approximate \$170, Exact \$162.35
3. Approximate \$7, Exact \$6.83
4. Approximate \$17.50, Exact \$17.38

