Addition and Subtraction Strategies
A Little Bit More/A Little Bit Less Homework sheet

I am learning to solve multiplication problems by taking some off or putting some on (Compensation)

Exercise 1
What to do
Use the information given to you to derive the answer to a similar problem.

1) If $3 \times 40 = 120$ what is 3×41 ?

2) If $8 \times 50 = 400$ what is 8×51 ?

3) If $4 \times 70 = 280$ what is 4×72 ?

Exercise 2
What to do
Use the information given to you to derive the answer to a similar problem.

1) If $7 \times 30 = 210$ what is 7×29 ?

2) If $8 \times 80 = 640$ what is 8×79 ?

3) If $6 \times 20 = 120$ what is 6×19 ?

Exercise 3
What to do
Use the information given to you to derive the answer to a similar problem.

1) If $9 \times 40 = 360$ what is 9×42 ?

2) If $7 \times 30 = 210$ what is 7×33 ?

3) If $5 \times 40 = 200$ what is 5×42 ?

Exercise 4

What to do

Use the information given to you to derive the answer to a similar problem.

1) If $6 \times 40 = 240$ what is 6×38 ?

2) If $7 \times 60 = 420$ what is 7×57 ?

3) If $5 \times 30 = 150$ what is 5×28 ?

Exercise 5

What to do

Use the information given to you to derive the answer to a similar problem.

1) If $4 \times 600 = 2400$ what is 4×601 ?

2) If $7 \times 800 = 5600$ what is 7×801 ?

3) If $3 \times 400 = 1200$ what is 3×402 ?

Exercise 6

What to do

Use the information given to you to derive the answer to a similar problem.

1) If $9 \times 200 = 1800$ what is 9×199 ?

2) If $5 \times 300 = 1500$ what is 5×299 ?

3) If $3 \times 400 = 1200$ what is 3×398 ?

Exercise 7

What to do

Use the information given to you to derive the answer to a similar problem.

1) If $2 \times 25 = 50$ what is 2×23 ?

2) If $4 \times 25 = 100$ what is 4×26 ?

3) If $3 \times 15 = 45$ what is 3×16 ?

Exercise 8

What to do

Use the strategy add a little/subtract a little to solve these problems.

Julie wanted to find 3×28.

She knows that 28 is near 30, so she used $3 \times 30 = 90$ and subtracted $3 \times 2 = 6$ to get the answer.

Julie recorded this in her maths book

$3 \times 28 = 90 - 6 = 84$

Using Julie's method find the answer to the following problems. Record your working like Julie did.

1)	5×19	(2)	6×41	(3)	3×59
4)	4×52	(5)	3×73	(6)	8×37
7)	3×102	(8)	6×301	(9)	8×598

Exercise 9

What to do

Use the strategy add a little/subtract a little to make up five problems of your own. Give the answers, recording like in Julie's method.

A Little Bit More/A Little Bit Less
Homework sheet Answers

Exercise 1
1)   123   (2)   408   (3)   288

Exercise 2
1)   203   (2)   632   (3)   114

Exercise 3
1)   378   (2)   231   (3)   210

Exercise 4
1)   228   (2)   399   (3)   140

Exercise 5
1)   2404   (2)   5607   (3)   1206

Exercise 6
1)   1791   (2)   1495   (3)   1194

Exercise 7
1)   46   (2)   104   (3)   48

Exercise 8
1) $100 - 5 = 95$ (2) $240 + 6 = 246$ (3) $180 - 3 = 177$
4) $200 + 8 = 208$ (5) $210 + 9 = 219$ (6) $320 - 24 = 296$
7) $300 + 6 = 306$ (8) $1800 + 6 = 1806$ (9) $4800 - 16 = 4784$

Exercise 9
Answers will vary.