Practice Continued.

6 4. When the price consists of any even number of shillings

s 20, multiply the given quantity by half the price, doubling the

t figure of the product for shillings, and the rest of the product will be pounds.

3 2 5 4 at 4s

2

£6 5 0 " 16 Ans

1 5 7 2 at 8s

4

£6 2 8 " 16 Ans

2 1 0 1 at 12s

6

£12 6 0 " 12 Ans

3 1 2 3 at 16s

8

£25 9 8 " 8 Ans

Rule 5 When price consists of odd shillings, multiply the given

by the price, and divide by 20, the product will be the ans

3 2 7 1 at 5 s

5

20 16 3 5 ,5

£8 1 7 „15 Ans

2 7 1 5 at 7 s

7

20 19 0 0 ,5

£9 5 0 „5 Ans

3 1 7 9 at 13 s

13

9 5 3 7

3 1 7 9

20 413 2 ,7

£20 6 6 „7 Ans

2 1 5 0 at 15 s

15

10 7 5 0

2 1 5 0

20 32 2 5 0

£16 1 2 „10 Ans

3 1 4 2 at 17 s

17

21 9 9 4

3 1 4 2

20 534 1 ,4

£26 7 0 „14 Ans

2 1 5 0 at 19

19

19 3 5 0

2 1 5 0

20 40 8 5 ,0

£20 4 2 „10 Ans

Rule 6. When the price is shillings and pence, and they the aliquot part of a pound, divide by the aliquot part, and it will give the answer at once; but if they are not an aliquot part, then multiply the quantity by the shillings, and take parts of the rest, add them together and divide by 20.

6/8 = 1/3 — 2 7 1 0 at 6s 8

£9 0 3 = 6 = 8 Ans

1/4 = 1/5 — 3 2 1 5 at 1s 4

£2 1 4 = 6 = 8 Ans

3/4 = 1/6 — 3 1 5 0 at 3s 4

£5 2 5 Ans

1/3 = 1/6 — 7 2 1 1 at 1s 3

£4 5 0 = 13 = 9 Ans

2/6 = 1/8 — 2 7 1 5 at 2s 6

£3 3 9 = 7 = 6 Ans

2/6 = 1/8 — 2 4 3 7 at 2s 6

£3 0 4 = 12 = 6 Ans

1/8 = 1/12 — 7 1 5 0 at 1s 8

£5 9 5 = 16 = 8 Ans

6/8 = 1/3 — 5 7 3 1 at 6s 8

£1 9 1 0 = 6 = 8 Ans

6 = ½ 7 5 1 4 at 4s 7

4

3 0 0 5 6

1 = 1/6 3 7 5 7

6 2 6 " 2

(2|0) 3 4 4 3 |9 " 2

£1 7 2 1 " 19 " 2 Ans

3 = ¼ 2 5 4 7 at 7s 3½

7

1 7 8 2 9

½ = 1/6 6 3 6 " 9

1 0 6 " 1½

(2|0) 1 8 5 7 |1 " 10½

£9 2 8 " 11 " 10½ Ans

4 = 1/3 2 1 0 3 at 15s 4½

1 5

1 0 5 1 5

2 1 0 3

½ = 1/8 7 0 1

8 7 " 7½

(2|0) 3 2 3 3 |3 " 7½

£1 6 1 6 " 13 " 7½ Ans

6 = ½ 7 1 5 2 at 17s 6¾

1 7

5 0 0 6 4

7 1 5 2

¾ = 1/8 3 5 7 6

4 4 7

(2|0) 1 2 5 6 0 |7

£6 2 8 0 " 7 Ans

5.

Rule 7. 1st. When the price is pounds and shillings, multiply the quantity by the pounds, and proceed with the shillings, if they are even, as in the 4 rule, if odd, take the aliquot parts, add them together, the sum will be the answer. 2, When pounds, shillings, and pence, and the shillings and pence the aliquot parts of a pound, multiply the quantity by the pounds, and take parts for the rest. 3, When the price is pounds, shillings, pence, and farthings, and the shillings and pence not the aliquot parts of a pound, reduce the pounds and shillings into shillings, multiply the quantity by the shillings, take parts for the rest, add them together, and divide by 20. When the given quantity is no more than three figures proceed as in Compound Multiplication

10 = ½ 3 1 5 2 at £1 17/s

5 = ¼ 1 5 7 6

2 = 1/10 7 8 8

3 1 5 . 4

£5 8 3 1 " 4 Ans

10 = ½ 2 1 0 7 at £1 " 13

2/6 = ¼ 1 0 5 3 " 10

6 = ⅕ 2 6 3 " 7 " 6

5 2 " 13 " 6

£3 4 7 6 " 11 " 0

5 = ¼ 2 1 0 7 at £2 " 8/s

2

4 2 1 4

2/6 = ½ 5 2 6 " 15

6 = ⅕ 2 6 3 " 7 " 6

5 2 " 13 " 6

£5 0 5 6 " 16 " 0 Ans

10 = ½ 2 7 1 5 at £1 " 17 " 2

5 = ¼ 1 3 5 7 " 10

2 = 1/10 6 7 8 " 15

/2 = 1/2 2 7 1 " 10

/2 = ¼ 2 2 " 12 " 6

5 " 13 " 1/2

£1 0 5 1 " 0 " 7/2

5 = ¼ 7 1 5 6 at £5 " 6/s

5

3 5 7 8 0

1 = ⅕ 1 7 8 9

3 5 7 " 16

£3 7 9 2 6 " 16 Ans

1 = 1/20 2 1 5 4 at £7 " 1 " 3

7

1 5 0 7 8

/3 = ¼ 1 0 7 " 14

2 6 " 18 " 6

£1 5 2 1 2 " 12 " 6

10 = 1/2 3 2 1 0 at £1 18 6 3/4 d

4 = 1/5 1 6 0 5

4 = 1/5 6 4 2

/6 = 1/8 6 4 2

3/4 = 1/8 8 0 5

1 0 0 7 1/2

£6 1 8 9 5 7 1/2 Ans

10 = 1/2 1 4 2 at £1 15 2 3/4

5 = 1/2 7 1

/2 = 1/30 3 5 10

1/2 = 1/4 1 3 8

1/4 = 1/2 5 11

2 11 1/2

£2 5 0 2 6 1/2 Ans

10 = 1/2 2 1 7 5 at £2 15 11/2

2

4 3 5 0

5 = 1/2 1 0 8 7 10

/4 = 1/5 5 4 3 15

1/2 = 1/8 3 6 5

4 10 7 1/2

£6 0 2 2 0 7 1/2 Ans

10 = 1/2 2 1 5 0 at £1 7 16 1/2

4 = 1/5 1 7

1 5 0 5 0

2 1 5 0

3 6 5 5 0

2 = 1/5 1 0 7 5

/10 = 1/6 4 3 0

2 1 5

1 3 8 9

£38 2 8 3 8 9 Ans

5

8 When the quantity is a whole number and a fraction—

Rule. Work for the whole numbers by the former rules, to which add

¼, ½, or any other part of the price, and add as before for the answer.

4 = 1/5	1 2 3 4¼ at 4s 6½d	5 = 1/4	3 2 1½ at 5s 10½
6 = 1/8	2 4 6 " 16	10 = 1/6	8 0 " 5
2 = 1/12	3 0 " 17 " 5	2 = 1/20	1 3 " 7 " 6
	2 " 11 " 0		13 " 4 ½
For the = ¼	1 " 1½	For the = ½	2 " 11¼
	£2 8 0 " 5 " 6½ Ans		£9 4 " 8 " 9¾ Ans

1 = 1/20	5 3 2¼ at £5 " 1 " 4 d	10 = 1/2	4 3 5½ at £2 " 12 "
	5		2
	2 6 6 0	2/6 = 1/4	8 7 0
4 = 1/5	2 6 " 12		2 1 7 " 10
	8 " 17 " 4		5 4 " 7 " 6
For the ¼	1 " 5 " 4	For the ½	1 " 6 " 3
	£26 9 6 " 14 " 8 Ans		£11 4 3 " 3 " 9 Ans

4

10 = ½ 2 4 6 ⅜ at £4 10 6

4

9 8 4

/6 = 1/10 1 2 3

6 3

For the ⅜ 1 13 11/4

£1 1 1 4 16 11/4 Ans

10 = ½ 3 4 5 ⅜ at £1 16 6

5 = ½ 1 7 2 10

1 = ⅕ 8 6 5

/6 = ½ 1 7 5

8 12 6

For the ⅜ 6 2/4

£2 8 4 18 8/4 Ans

4 = ¼ 9 8 7 ⅜ at £7 8½

2 = ½ 1 9 7 8

1 = ½ 9 8 14

/6 = ½ 4 9 7

2 = ⅓ 2 4 13 6

/2 = ¼ 8 4 6

2 1 1/2

For the ⅜ 2 10/2

£3 8 0 11 0 Ans

10 = ½ 3 6 5 ⅝ at £1 15 6

5 = ½ 1 8 2 10

/6 = 1/10 9 1 5

9 2 6

For the ⅝ 1 2 2/4

£6 4 8 9 8/4 Ans

10

9 When the price and the quantity are of several denominations

Rule. Multiply the price by the highest denomination, and take parts for the lower denominations; then add them together for the answ

At £1-4-9 per cwt. what does 17 cwt. 1 qr. 17 lbs. of cheese come to.

		£	s	d
qr.				
1 =	1/4	1	4	9
				4 × 4 + 1 = 17
		4	19	0
				4
lb.		19	16	0
lb		1	4	9
14 =	1/2	~	6	2 1/4
2 =	1/7	~	3	1
1 =	1/2	~	~	5 1/4
		~	~	2 1/2
		£21	10	8 Ans

Hops at £4.5.8 per cwt. what must I give for 7/2 cwt. 1qr. 18 lb.

qr.	£	s	d
1 = 1/4	4	5	8
			12 × 6 = 72
	51	8	0
			6
lb.	308	8	0
14 = 1/2	1	4	5
4 = 1/7	~	10	8/2
	~	3	~/2
Ans	£310	3	2

At £1.1.4 per cwt. what is the value of 2 7/cwt. 2qr. 15 lb. of raisins

qr.	£	s	d
2 = 1/2	1	1	4
			9 × 3 = 27
	9	12	0
			3
lb.	28	16	0
14 = 1/4	~	10	8
1 = 1/14	~	2	8
	~	~	2/4
Ans	£29	9	6/4

12

Sold 56 cwt. 1 qr. 17 lb. of sugar at £2.15.9 per cwt. what does it come to

qr.	£	s	d
1 = 1/4	2	15	9
			7 × 8 = 56
	19	10	3
			8
lb.	156	2	0
14 = 1/2	~	13	11 1/4
2 = 1/7	~	6	11 1/2
1 = 1/2	~	~	11 3/4
	~	~	5 3/4
Ans	£157	4	4 1/4

Tobacco at £3.17.10 the cwt. what is the worth of 9 cwt. 15 lb.

£	s	d
3	17	10
		12 × 8 + 1 = 97
46	14	0
		8
lb. 373	12	0
14 = 1/8	3	17	10
1 = 1/14	~	9	8 3/4
	~	~	8 1/4
Ans £37	8	0	3

13

What must I pay for 34 acres 2 roods 20 poles of land at £2 11 6 per acre

		£	s	d
rood				
2 = ½		2	11	6
				8×4+2=34
		20	12	0
				4
		82	8	0
poles		5	3	0
20 = ¼		1	5	9
		~	6	5¼
Ans	£	89	3	2¼

Bought 37 great bush. 2 pecks of wheat, at £4 16 6 per quarter

		£	s	d
bush.				
4 = ½		4	16	6
				6×6+1=37
		28	19	0
				6
		173	14	0
pecks		4	16	6
2 = ⅛		2	8	3
		~	6	0¼
Ans	£	181	4	9¼

11