

Year 7 Exam Feedback: Calculator

1 Expand and Simplify

a $3(a + 6) - 4(2a - 5)$

b $7(a + 9) - 5(3a - 8)$

c $6(a + 12) - 8(a - 4)$

d $5(3a + 7) - 2(3a - 12)$

e $9(3a + 12) - 5(3a - 6)$

2 Calculate

a 8% of 480

b 6% of 530

c 9% of 840

d 7% of 4020

e 7% of 4920

f 4% of 360

3

a Maisie earned £2050 per month. She saved 8%. How much did she save in one year?

b David earned £5180 per month. She saved 12%. How much did he save in one year?

c Joanne earned £2310 per month. She saved 5%. How much did she save in one year?

d Guy earned £1995 per month. He saved 4%. How much did she save in one year?

e Jay earned £3100 per month. She saved 6%. How much did she save in one year?

f Grace earned £3150 per month. She saved 11%. How much did she save in one year?

g Charlie earned £1560 per month. She saved 8%. How much did she save in one year?

Check up

- 1 Expand and simplify $7(8a + 9) - 5(3a - 7)$
- 2 Find 12% of 840
- 3 Ian earned £2800 per month. He saved 7%. How much did he save in one year?