Mathsbase Exam Questions factorisation

1) Factorise 56x - 7x (1 mark)

Answer: _____

2) Simplify the expression: 39x - 3x (1 mark)

Answer: _____

3) Write the expression 72x - 9x in its simplest form (1 mark)

Answer: _____

4) Factorise 80x - 10x (2 marks)

Answer: _____

5) Simplify the expression: 98x - 14x (2 marks)

Answer: _____

6) Write the expression 135x - 15x in its simplest form (2 marks)

Answer: _____

7) Factorise 112x - 14x (3 marks)

Answer: _____

8) Simplify the expression: 180x - 20x (3 marks)

Answer: _____

9) Write the expression 252x - 28x in its simplest form (3 marks)

Answer: _____

10) Factorise 128x - 16x (4 marks)

Answer: _____

11) Simplify the expression: 280x - 35x (4 marks)

Answer: _____

12) Write the expression 360x - 45x in its simplest form (4 marks)

Answer: _____

13) Factorise 168x - 21x (5 marks)

Answer: _____

14) Simplify the expression: 504x - 63x (5 marks)

Answer: _____

15) Write the expression 432x - 54x in its simplest form (5 marks)

Answer: _____

16) Factorise 240x - 30x (6 marks)

Answer: _____

17) Simplify the expression: 896x - 112x (6 marks)

Answer: _____

18) Write the expression 720x - 90x in its simplest form (6 marks)

Answer: _____

19) Factorise 352x - 44x (7 marks)

Answer: _____

20) Simplify the expression: 955x - 119x (7 marks)

Answer: _____

21) Write the expression 840x - 105x in its simplest form (7 marks)

Answer: _____

22) Factorise 696x - 87x (8 marks)

Answer: _____

23) Simplify the expression: 1104x - 138x (8 marks)

Answer: _____

24) Write the expression 960x - 120x in its simplest form (8 marks)

Answer: _____

25) Factorise 1520x - 190x (9 marks) Mark Scheme: 1) 7x(8 - 1) (1 mark) 2) 36x (1 mark) 3) 63x (1 mark) 4) 10x(8 - 1) (1 mark for each factor, 2 marks total) 5) 84x (1 mark) 6) 120x (1 mark) 7) 14x(8 - 1) (1 mark for each factor, 3 marks total) 8) 160x (1 mark) 9) 224x (1 mark) 10) 16x(8 - 1) (1 mark for each factor, 4 marks total) 11) 245x (1 mark) 12) 315x (1 mark) 13) 21x(8 - 1) (1 mark for each factor, 5 marks total) 14) 441x (1 mark) 15) 378x (1 mark) 16) 30x(8 - 1) (1 mark for each factor, 6 marks total) 17) 784x (1 mark) 18) 630x (1

mark) 19) 44x(8 - 1) (1 mark for each factor, 7 marks total) 20) 836x (1 mark) 21) 735x (1 mark) 22) 87x(8 - 1) (1 mark for each factor, 8 marks total) 23) 966x (1 mark) 24) 840x (1 mark) 25) 190x(8 - 1) (1 mark for each factor, 9 marks total)

Answer: _____