3.10 Letter-Pair Analogies: 2-hour Pack

about 120 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Each question gives a pair of letters and shows how it changes into a second pair. Work out the rule connecting the two letters, then apply exactly the same rule to the third pair to find the missing letters. Choose the one option (A to E) that correctly completes the analogy. No letter ever needs to move past Z. Study the worked example above before you begin.

Worked example. AB is to CD as EF is to ? **Answer: GH.** Each letter in the first pair moves forward 2 places in the alphabet to make the second pair (A+2=C, B+2=D). Applying the same rule to EF: E+2=G and F+2=H, so the missing pair is GH.

1 LN is to MO as UG is to ?

- ☐ A) VI
- ☐ B) WH
- ☐ C) VH
- ☐ D) UG
- ☐ E) VG

---

2 NW is to YP as WR is to ?

- ☐ A) TZ
- ☐ B) TX
- ☐ C) SY
- ☐ D) YT
- ☐ E) TY

---

3 OF is to LC as RF is to ?

- ☐ A) OC
- ☐ B) RF
- ☐ C) CO
- ☐ D) NC
- ☐ E) OD

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4 CD is to XW as HJ is to ?

- [ ] A) QS
- [ ] B) SJ
- [ ] C) RQ
- [ ] D) SP
- [ ] E) SQ

---

5 RO is to VK as MQ is to ?

- [ ] A) QM
- [ ] B) RM
- [ ] C) MQ
- [ ] D) QN
- [ ] E) IU

---

6 HN is to NJ as DH is to ?

- [ ] A) DH
- [ ] B) DJ
- [ ] C) JE
- [ ] D) KD
- [ ] E) JD

---

7 ED is to JD as HC is to ?

- [ ] A) HH
- [ ] B) MC
- [ ] C) HC
- [ ] D) CM
- [ ] E) LC

---

8 PR is to NP as WI is to ?

- [ ] A) TG
- [ ] B) UH
- [ ] C) WI
- [ ] D) UG
- [ ] E) UF

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9 RS is to SR as ZH is to ?

- [ ] A) IZ
- [ ] B) HY
- [ ] C) ZH
- [ ] D) GZ
- [ ] E) HZ

---

10 AX is to XA as WA is to ?

- [ ] A) BW
- [ ] B) AX
- [ ] C) AW
- [ ] D) WA
- [ ] E) AV

---

11 RW is to UZ as NF is to ?

- [ ] A) RI
- [ ] B) QI
- [ ] C) PI
- [ ] D) QJ
- [ ] E) NF

---

12 FQ is to QF as SQ is to ?

- [ ] A) QS
- [ ] B) QT
- [ ] C) PS
- [ ] D) SQ
- [ ] E) QR

---

13 KV is to NS as HK is to ?

- [ ] A) LH
- [ ] B) HK
- [ ] C) KI
- [ ] D) KH
- [ ] E) JH

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14 BP is to GP as EY is to ?

- [ ] A) KY
- [ ] B) EY
- [ ] C) JY
- [ ] D) JX
- [ ] E) YJ

---

15 NI is to MI as CR is to ?

- [ ] A) RB
- [ ] B) BR
- [ ] C) BS
- [ ] D) AR
- [ ] E) CR

---

16 ZS is to VP as QI is to ?

- [ ] A) MF
- [ ] B) FM
- [ ] C) ME
- [ ] D) MG
- [ ] E) QI

---

17 CR is to BQ as NO is to ?

- [ ] A) NN
- [ ] B) NO
- [ ] C) NM
- [ ] D) MN
- [ ] E) LN

---

18 CK is to BJ as GK is to ?

- [ ] A) FJ
- [ ] B) JF
- [ ] C) EJ
- [ ] D) FI
- [ ] E) FK

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19 GR is to CN as MN is to ?

- [ ] A) MN
- [ ] B) IJ
- [ ] C) II
- [ ] D) JI
- [ ] E) IK

---

20 JN is to LI as QJ is to ?

- [ ] A) LL
- [ ] B) SD
- [ ] C) RE
- [ ] D) QJ
- [ ] E) SE

---

21 IE is to RV as MT is to ?

- [ ] A) GN
- [ ] B) NG
- [ ] C) NF
- [ ] D) OG
- [ ] E) NH

---

22 YE is to ZF as YF is to ?

- [ ] A) YF
- [ ] B) ZF
- [ ] C) ZH
- [ ] D) ZG
- [ ] E) YG

---

23 CU is to FX as QL is to ?

- [ ] A) TN
- [ ] B) OT
- [ ] C) QL
- [ ] D) TO
- [ ] E) UO

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24 SJ is to VL as NS is to ?

- [ ] A) QV
- [ ] B) PV
- [ ] C) QU
- [ ] D) RU
- [ ] E) QT

---

25 XL is to WN as OS is to ?

- [ ] A) OU
- [ ] B) NU
- [ ] C) NT
- [ ] D) UN
- [ ] E) OS

---

26 EN is to HQ as PD is to ?

- [ ] A) PD
- [ ] B) RG
- [ ] C) TG
- [ ] D) SG
- [ ] E) SF

---

27 CM is to HH as PW is to ?

- [ ] A) UR
- [ ] B) UQ
- [ ] C) PW
- [ ] D) VR
- [ ] E) TR

---

28 PC is to RE as FE is to ?

- [ ] A) HG
- [ ] B) IG
- [ ] C) GG
- [ ] D) HF
- [ ] E) HH

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29 EI is to DI as PE is to ?

- [ ] A) EO
- [ ] B) OE
- [ ] C) NE
- [ ] D) OF
- [ ] E) PE

---

30 FJ is to CF as UL is to ?

- [ ] A) SH
- [ ] B) QH
- [ ] C) RH
- [ ] D) RG
- [ ] E) HR

---

31 WC is to VA as UD is to ?

- [ ] A) SB
- [ ] B) BT
- [ ] C) TC
- [ ] D) UB
- [ ] E) TB

---

32 DN is to AK as SF is to ?

- [ ] A) OC
- [ ] B) SF
- [ ] C) PB
- [ ] D) PC
- [ ] E) CP

---

33 XD is to DX as AF is to ?

- [ ] A) FA
- [ ] B) GA
- [ ] C) EA
- [ ] D) AF
- [ ] E) FB

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34 EP is to RG as WC is to ?

- [ ] A) WC
- [ ] B) YE
- [ ] C) EZ
- [ ] D) EY
- [ ] E) DY

---

35 JK is to GH as MX is to ?

- [ ] A) UJ
- [ ] B) JU
- [ ] C) JV
- [ ] D) MX
- [ ] E) KU

---

36 AI is to DK as HN is to ?

- [ ] A) HN
- [ ] B) KQ
- [ ] C) PK
- [ ] D) JQ
- [ ] E) KP

---

37 YS is to XR as YO is to ?

- [ ] A) XO
- [ ] B) XM
- [ ] C) XN
- [ ] D) NX
- [ ] E) WN

---

38 JS is to SJ as LH is to ?

- [ ] A) HL
- [ ] B) HK
- [ ] C) IL
- [ ] D) LH
- [ ] E) HM

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39 UO is to TP as YX is to ?

- A) XX
- B) WY
- C) YY
- D) XY
- E) YX

---

40 OI is to LL as FM is to ?

- A) DP
- B) BP
- C) PC
- D) CP
- E) CQ

---

41 TK is to VK as MP is to ?

- A) NP
- B) OP
- C) MR
- D) PO
- E) OQ

---

42 BD is to EH as ML is to ?

- A) ML
- B) PP
- C) PO
- D) QP
- E) PQ

---

43 RQ is to IJ as LY is to ?

- A) OA
- B) OC
- C) BO
- D) LY
- E) OB

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44 NF is to SD as LS is to ?

- A) LS
- B) JX
- C) PQ
- D) QP
- E) QQ

---

45 TB is to BT as AV is to ?

- A) UA
- B) AV
- C) VA
- D) VB
- E) WA

---

46 GD is to HE as YU is to ?

- A) ZV
- B) YU
- C) ZU
- D) YV
- E) ZW

---

47 CR is to BR as SO is to ?

- A) SO
- B) RO
- C) RN
- D) OR
- E) SN

---

48 KW is to XL as YI is to ?

- A) YI
- B) JY
- C) KZ
- D) JZ
- E) ZJ

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49 BC is to EF as HI is to ?

- [ ] A) JK
- [ ] B) KM
- [ ] C) KL
- [ ] D) LM
- [ ] E) IJ

---

50 IF is to HE as CT is to ?

- [ ] A) SB
- [ ] B) CT
- [ ] C) BS
- [ ] D) AS
- [ ] E) BR

---

51 QV is to NS as RN is to ?

- [ ] A) OJ
- [ ] B) PK
- [ ] C) OK
- [ ] D) RN
- [ ] E) NK

---

52 EV is to DV as CX is to ?

- [ ] A) BX
- [ ] B) XB
- [ ] C) BW
- [ ] D) CX
- [ ] E) BY

---

53 ZI is to AR as BX is to ?

- [ ] A) YD
- [ ] B) YB
- [ ] C) YC
- [ ] D) CY
- [ ] E) ZC

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54 DV is to HY as DN is to ?

- ☐ A) DN
- ☐ B) HR
- ☐ C) HQ
- ☐ D) QH
- ☐ E) IQ

---

55 TX is to VZ as QC is to ?

- ☐ A) SE
- ☐ B) ES
- ☐ C) SF
- ☐ D) TE
- ☐ E) RE

---

56 KN is to NN as VJ is to ?

- ☐ A) VM
- ☐ B) YK
- ☐ C) ZJ
- ☐ D) YJ
- ☐ E) XJ

---

57 DV is to VD as UM is to ?

- ☐ A) MU
- ☐ B) NU
- ☐ C) MV
- ☐ D) UM
- ☐ E) LU

---

58 EG is to DI as NO is to ?

- ☐ A) MQ
- ☐ B) MP
- ☐ C) LQ
- ☐ D) MR
- ☐ E) NO

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59 OE is to MC as XY is to ?

- A) XY
- B) VV
- C) VW
- D) WV
- E) UW

---

60 HD is to ED as DU is to ?

- A) BU
- B) AU
- C) AV
- D) DR
- E) AT

---

61 XL is to UP as WT is to ?

- A) SX
- B) WT
- C) UX
- D) TX
- E) TY

---

62 JP is to LS as GA is to ?

- A) IE
- B) IC
- C) GA
- D) DI
- E) ID

---

63 LV is to KU as UC is to ?

- A) UB
- B) SB
- C) TB
- D) BT
- E) TA

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64 OM is to MM as UX is to ?

- [ ] A) XS
- [ ] B) SX
- [ ] C) SW
- [ ] D) SY
- [ ] E) UV

---

65 BA is to DC as BT is to ?

- [ ] A) CV
- [ ] B) BT
- [ ] C) VD
- [ ] D) DV
- [ ] E) EV

---

66 BD is to YW as DA is to ?

- [ ] A) WY
- [ ] B) DA
- [ ] C) VZ
- [ ] D) WZ
- [ ] E) ZW

---

67 UN is to OV as KD is to ?

- [ ] A) LE
- [ ] B) KD
- [ ] C) EK
- [ ] D) EL
- [ ] E) EM

---

68 KC is to CK as AL is to ?

- [ ] A) LA
- [ ] B) MA
- [ ] C) AL
- [ ] D) LB
- [ ] E) KA

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69 IV is to HU as NU is to ?

- A) NT
- B) NU
- C) LT
- D) MT
- E) TM

---

70 JD is to PA as GM is to ?

- A) LJ
- B) MJ
- C) MK
- D) DS
- E) GM

---

71 MH is to OJ as VI is to ?

- A) YK
- B) KX
- C) XJ
- D) XL
- E) XK

---

72 HE is to JF as VD is to ?

- A) XF
- B) WF
- C) EX
- D) WE
- E) XE

---

73 QY is to PX as FV is to ?

- A) EU
- B) FV
- C) UE
- D) EV
- E) FU

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74 KL is to PO as ZF is to ?

- [ ] A) UA
- [ ] B) AU
- [ ] C) AV
- [ ] D) ZF
- [ ] E) AT

---

75 EL is to KD as SQ is to ?

- [ ] A) SQ
- [ ] B) PR
- [ ] C) QR
- [ ] D) PS
- [ ] E) OR

---

76 LI is to QD as TL is to ?

- [ ] A) TL
- [ ] B) XG
- [ ] C) YG
- [ ] D) ZG
- [ ] E) OQ

---

77 EC is to CA as OL is to ?

- [ ] A) NJ
- [ ] B) MI
- [ ] C) JM
- [ ] D) MJ
- [ ] E) OL

---

78 DB is to WY as QK is to ?

- [ ] A) JP
- [ ] B) KP
- [ ] C) JO
- [ ] D) QK
- [ ] E) IP

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79 EQ is to VJ as CX is to ?

- [ ] A) CX
- [ ] B) XC
- [ ] C) XD
- [ ] D) XB
- [ ] E) YC

---

80 KU is to HR as RS is to ?

- [ ] A) PO
- [ ] B) RS
- [ ] C) OO
- [ ] D) OQ
- [ ] E) OP

---

81 OR is to LI as DB is to ?

- [ ] A) VY
- [ ] B) WX
- [ ] C) WY
- [ ] D) WZ
- [ ] E) YW

---

82 QG is to PH as DN is to ?

- [ ] A) BO
- [ ] B) OC
- [ ] C) CO
- [ ] D) CN
- [ ] E) DO

---

83 SV is to VY as LD is to ?

- [ ] A) NG
- [ ] B) OG
- [ ] C) LD
- [ ] D) OF
- [ ] E) PG

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84 WN is to NW as ME is to ?

- A) EM
- B) FM
- C) ME
- D) EN
- E) DM

---

85 VH is to UG as NR is to ?

- A) NQ
- B) QM
- C) MR
- D) NR
- E) MQ

---

86 XF is to WE as OX is to ?

- A) WN
- B) OX
- C) OW
- D) NW
- E) NX

---

87 KA is to MD as OR is to ?

- A) QV
- B) RU
- C) PU
- D) UQ
- E) QU

---

88 PE is to EP as QE is to ?

- A) DQ
- B) EQ
- C) FQ
- D) QE
- E) EP

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89 OI is to LR as UX is to ?

- [ ] A) FD
- [ ] B) FB
- [ ] C) FC
- [ ] D) GC
- [ ] E) EC

---

90 BF is to CG as OD is to ?

- [ ] A) PF
- [ ] B) OE
- [ ] C) PE
- [ ] D) QE
- [ ] E) EP

---

91 TW is to SW as EB is to ?

- [ ] A) DA
- [ ] B) EB
- [ ] C) CB
- [ ] D) BD
- [ ] E) DB

---

92 SJ is to QJ as ZT is to ?

- [ ] A) XS
- [ ] B) XT
- [ ] C) ZR
- [ ] D) YT
- [ ] E) WT

---

93 BQ is to YJ as HP is to ?

- [ ] A) HP
- [ ] B) SK
- [ ] C) KS
- [ ] D) TK
- [ ] E) RK

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94 VG is to TE as CP is to ?

- A) AN
- B) AO
- C) CP
- D) NA
- E) BN

---

95 EV is to AY as WJ is to ?

- A) SL
- B) ZF
- C) WJ
- D) TM
- E) SM

---

96 VH is to YK as LB is to ?

- A) OF
- B) OE
- C) NE
- D) EO
- E) OD

---

97 QD is to PC as XQ is to ?

- A) PW
- B) XQ
- C) WP
- D) WO
- E) WQ

---

98 DT is to AO as HM is to ?

- A) EI
- B) EG
- C) HM
- D) EH
- E) DH

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99 VD is to DV as UP is to ?

- A) OU
- B) PU
- C) UP
- D) PV
- E) QU

---

100 MX is to JU as VJ is to ?

- A) RG
- B) GS
- C) TG
- D) VJ
- E) SG

---

101 SF is to XF as OI is to ?

- A) ON
- B) SI
- C) TI
- D) UI
- E) TH

---

102 FQ is to EO as IE is to ?

- A) HC
- B) HD
- C) GD
- D) GC
- E) IE

---

103 FI is to DG as YK is to ?

- A) WJ
- B) VI
- C) WH
- D) WI
- E) YK

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104 ZX is to WU as SK is to ?

- [ ] A) QH
- [ ] B) PG
- [ ] C) PH
- [ ] D) SK
- [ ] E) PI

---

105 RK is to KR as CL is to ?

- [ ] A) MC
- [ ] B) LC
- [ ] C) KC
- [ ] D) LD
- [ ] E) CL

---

106 NS is to OT as CK is to ?

- [ ] A) DL
- [ ] B) EL
- [ ] C) CK
- [ ] D) CL
- [ ] E) DK

---

107 CD is to XW as BR is to ?

- [ ] A) XI
- [ ] B) YI
- [ ] C) BR
- [ ] D) YJ
- [ ] E) ZI

---

108 QP is to NM as GT is to ?

- [ ] A) QD
- [ ] B) CQ
- [ ] C) DQ
- [ ] D) EQ
- [ ] E) DP

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109 TC is to WC as VP is to ?

- ☐ A) YO
- ☐ B) VP
- ☐ C) YP
- ☐ D) YQ
- ☐ E) VS

---

110 LD is to DL as TW is to ?

- ☐ A) WT
- ☐ B) VT
- ☐ C) TW
- ☐ D) WU
- ☐ E) XT

---

111 CD is to FG as LM is to ?

- ☐ A) NO
- ☐ B) OQ
- ☐ C) PQ
- ☐ D) OP
- ☐ E) MN

---

112 QU is to TR as DX is to ?

- ☐ A) GT
- ☐ B) UG
- ☐ C) GV
- ☐ D) HU
- ☐ E) GU

---

113 FY is to EX as LV is to ?

- ☐ A) LV
- ☐ B) UK
- ☐ C) JU
- ☐ D) KU
- ☐ E) KT

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114 IU is to JU as HA is to ?

- A) IB
- B) JA
- C) HB
- D) HA
- E) IA

---

115 OY is to LV as OL is to ?

- A) IL
- B) MI
- C) LI
- D) LH
- E) LJ

---

116 IE is to MJ as MR is to ?

- A) QW
- B) QV
- C) PW
- D) MR
- E) QX

---

117 SA is to TB as OI is to ?

- A) OI
- B) PK
- C) JP
- D) OJ
- E) PJ

---

118 YR is to RY as BY is to ?

- A) YB
- B) YA
- C) BY
- D) ZB
- E) XB

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119 GC is to JF as TG is to ?

- A) VJ
- B) JW
- C) XJ
- D) WJ
- E) WK

---

120 AC is to CE as FH is to ?

- A) GI
- B) HI
- C) IJ
- D) GH
- E) HJ

---

121 JL is to LN as RV is to ?

- A) SX
- B) TX
- C) TY
- D) UX
- E) RV

---

122 JS is to FV as XQ is to ?

- A) TU
- B) TS
- C) XQ
- D) TT
- E) ST

---

123 DP is to BR as YO is to ?

- A) YO
- B) XQ
- C) WQ
- D) WR
- E) WP

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124 JS is to HQ as NK is to ?

- A) MI
- B) NK
- C) KI
- D) LJ
- E) LI

---

125 SB is to HY as UL is to ?

- A) FO
- B) UL
- C) OF
- D) FP
- E) EO

---

126 NY is to KY as XN is to ?

- A) UO
- B) XK
- C) VN
- D) NU
- E) UN

---

127 WC is to UA as WJ is to ?

- A) VH
- B) HU
- C) UH
- D) TH
- E) UI

---

128 VB is to QD as TS is to ?

- A) OU
- B) TS
- C) VN
- D) OT
- E) OV

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129 AB is to DF as GH is to ?

- [ ] A) JL
- [ ] B) JK
- [ ] C) KL
- [ ] D) IK
- [ ] E) IL

---

130 CE is to BC as VP is to ?

- [ ] A) NU
- [ ] B) UN
- [ ] C) VN
- [ ] D) TO
- [ ] E) VP

---

131 EJ is to FJ as QS is to ?

- [ ] A) RT
- [ ] B) RR
- [ ] C) SS
- [ ] D) RS
- [ ] E) SR

---

132 TF is to DR as QP is to ?

- [ ] A) NP
- [ ] B) NN
- [ ] C) NO
- [ ] D) OO
- [ ] E) QP

---

133 CO is to AM as CS is to ?

- [ ] A) AP
- [ ] B) AQ
- [ ] C) CS
- [ ] D) AR
- [ ] E) QA

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134 EL is to CJ as GW is to ?

- [ ] A) EV
- [ ] B) GW
- [ ] C) EU
- [ ] D) UE
- [ ] E) DU

---

135 PL is to QL as FC is to ?

- [ ] A) GD
- [ ] B) FC
- [ ] C) GB
- [ ] D) FD
- [ ] E) GC

---

136 RB is to IY as OF is to ?

- [ ] A) UL
- [ ] B) LU
- [ ] C) LV
- [ ] D) KU
- [ ] E) OF

---

137 AB is to BA as CD is to ?

- [ ] A) CD
- [ ] B) DC
- [ ] C) DB
- [ ] D) CB
- [ ] E) BC

---

138 IT is to FQ as XV is to ?

- [ ] A) SU
- [ ] B) US
- [ ] C) VS
- [ ] D) UR
- [ ] E) UT

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139 BI is to CI as YQ is to ?

- [ ] A) ZP
- [ ] B) YQ
- [ ] C) QZ
- [ ] D) ZQ
- [ ] E) ZR

---

140 YA is to UA as TI is to ?

- [ ] A) PJ
- [ ] B) IP
- [ ] C) PI
- [ ] D) PH
- [ ] E) TE

---

141 JY is to IX as JR is to ?

- [ ] A) IP
- [ ] B) QI
- [ ] C) JQ
- [ ] D) HQ
- [ ] E) IQ

---

142 TI is to IT as SG is to ?

- [ ] A) GS
- [ ] B) HS
- [ ] C) SG
- [ ] D) GR
- [ ] E) GT

---

143 YW is to ZX as QY is to ?

- [ ] A) RZ
- [ ] B) RY
- [ ] C) ZR
- [ ] D) QZ
- [ ] E) QY

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144 JW is to KW as FM is to ?

- A) FN
- B) GN
- C) FM
- D) GL
- E) GM

---

145 AQ is to ZJ as PM is to ?

- A) LN
- B) KN
- C) NK
- D) KM
- E) PM

---

146 JM is to IK as CQ is to ?

- A) CQ
- B) BO
- C) OB
- D) BN
- E) AO

---

147 XP is to WO as FX is to ?

- A) FW
- B) EX
- C) FX
- D) EW
- E) EV

---

148 OE is to ME as FQ is to ?

- A) FQ
- B) EQ
- C) DQ
- D) DR
- E) CQ

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149 WR is to ZU as RW is to ?

- [ ] A) RW
- [ ] B) UZ
- [ ] C) VZ
- [ ] D) TZ
- [ ] E) ZU

---

150 BI is to DK as SD is to ?

- [ ] A) UE
- [ ] B) FU
- [ ] C) UF
- [ ] D) UG
- [ ] E) TF

---

151 YP is to XR as RB is to ?

- [ ] A) PD
- [ ] B) QE
- [ ] C) RB
- [ ] D) QD
- [ ] E) TA

---

152 ST is to UV as DE is to ?

- [ ] A) FF
- [ ] B) GG
- [ ] C) EG
- [ ] D) DE
- [ ] E) FG

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153 TU is to OQ as VI is to ?

- ☐ A) EQ
- ☐ B) QD
- ☐ C) RE
- ☐ D) RD
- ☐ E) QE

---

154 JU is to UJ as KG is to ?

- ☐ A) HK
- ☐ B) GK
- ☐ C) GJ
- ☐ D) FK
- ☐ E) KG

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Mark scheme · 3.10 Letter-Pair Analogies: 2-hour Pack

Question 1

C) VH - both letters move forward 1 place, matching LN to MO; so UG becomes VH **B1**

Answer: C) VH

Question 2

E) TY - the letters swap places and each moves forward 2 places, matching NW to YP; so WR becomes TY **B1**

Answer: E) TY

Question 3

A) OC - both letters move back 3 places, matching OF to LC; so RF becomes OC **B1**

Answer: A) OC

Question 4

E) SQ - each letter is replaced by its mirror letter counting from the other end of the alphabet (C<->X, D<->W, so H<->S and J<->Q), keeping the same order **B1**

Answer: E) SQ

Question 5

A) QM - the first letter moves forward 4 places and the second letter moves back 4 places, matching RO to VK; so MQ becomes QM **B1**

Answer: A) QM

Question 6

E) JD - the first letter moves forward 6 places and the second letter moves back 4 places, matching HN to NJ; so DH becomes JD **B1**

Answer: E) JD

Question 7

B) MC - the first letter moves forward 5 places and the second letter stays the same, matching ED to JD; so HC becomes MC **B1**

Answer: B) MC

Question 8

D) UG - both letters move back 2 places, matching PR to NP; so WI becomes UG **B1**

Answer: D) UG

Question 9

E) HZ - the two letters swap places, matching RS to SR; so ZH becomes HZ **B1**

Answer: E) HZ

Question 10

C) AW - the two letters swap places, matching AX to XA; so WA becomes AW **B1**

Answer: C) AW

Question 11

B) QI - both letters move forward 3 places, matching RW to UZ; so NF becomes QI **B1**

Answer: B) QI

Question 12

A) QS - the two letters swap places, matching FQ to QF; so SQ becomes QS **B1**

Answer: A) QS

Question 13

D) KH - the first letter moves forward 3 places and the second letter moves back 3 places, matching KV to NS; so HK becomes KH **B1**

Answer: D) KH

Question 14

C) JY - the first letter moves forward 5 places and the second letter stays the same, matching BP to GP; so EY becomes JY **B1**

Answer: C) JY

Question 15

B) BR - the first letter moves back 1 place and the second letter stays the same, matching NI to MI; so CR becomes BR **B1**

Answer: B) BR

Question 16

A) MF - the first letter moves back 4 places and the second letter moves back 3 places, matching ZS to VP; so QI becomes MF **B1**

Answer: A) MF

Question 17

D) MN - both letters move back 1 place, matching CR to BQ; so NO becomes MN **B1**

Answer: D) MN

Question 18

A) FJ - both letters move back 1 place, matching CK to BJ; so GK becomes FJ **B1**

Answer: A) FJ

Question 19

B) IJ - both letters move back 4 places, matching GR to CN; so MN becomes IJ **B1**

Answer: B) IJ

Question 20

E) SE - the first letter moves forward 2 places and the second letter moves back 5 places, matching JN to LI; so QJ becomes SE **B1**

Answer: E) SE

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Question 21

B) NG - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching IE to RV; so MT becomes NG **B1**

Answer: B) NG

Question 22

D) ZG - both letters move forward 1 place, matching YE to ZF; so YF becomes ZG **B1**

Answer: D) ZG

Question 23

D) TO - both letters move forward 3 places, matching CU to FX; so QL becomes TO **B1**

Answer: D) TO

Question 24

C) QU - the first letter moves forward 3 places and the second letter moves forward 2 places, matching SJ to VL; so NS becomes QU **B1**

Answer: C) QU

Question 25

B) NU - the first letter moves back 1 place and the second letter moves forward 2 places, matching XL to WN; so OS becomes NU **B1**

Answer: B) NU

Question 26

D) SG - both letters move forward 3 places, matching EN to HQ; so PD becomes SG **B1**

Answer: D) SG

Question 27

A) UR - the first letter moves forward 5 places and the second letter moves back 5 places, matching CM to HH; so PW becomes UR **B1**

Answer: A) UR

Question 28

A) HG - both letters move forward 2 places, matching PC to RE; so FE becomes HG **B1**

Answer: A) HG

Question 29

B) OE - the first letter moves back 1 place and the second letter stays the same, matching EI to DI; so PE becomes OE **B1**

Answer: B) OE

Question 30

C) RH - the first letter moves back 3 places and the second letter moves back 4 places, matching FJ to CF; so UL becomes RH **B1**

Answer: C) RH

Question 31

E) TB - the first letter moves back 1 place and the second letter moves back 2 places, matching WC to VA; so UD becomes TB **B1**

Answer: E) TB

Question 32

D) PC - both letters move back 3 places, matching DN to AK; so SF becomes PC **B1**

Answer: D) PC

Question 33

A) FA - the two letters swap places, matching XD to DX; so AF becomes FA **B1**

Answer: A) FA

Question 34

D) EY - the letters swap places and each moves forward 2 places, matching EP to RG; so WC becomes EY **B1**

Answer: D) EY

Question 35

B) JU - both letters move back 3 places, matching JK to GH; so MX becomes JU **B1**

Answer: B) JU

Question 36

E) KP - the first letter moves forward 3 places and the second letter moves forward 2 places, matching AI to DK; so HN becomes KP **B1**

Answer: E) KP

Question 37

C) XN - both letters move back 1 place, matching YS to XR; so YO becomes XN **B1**

Answer: C) XN

Question 38

A) HL - the two letters swap places, matching JS to SJ; so LH becomes HL **B1**

Answer: A) HL

Question 39

D) XY - the first letter moves back 1 place and the second letter moves forward 1 place, matching UO to TP; so YX becomes XY **B1**

Answer: D) XY

Question 40

D) CP - the first letter moves back 3 places and the second letter moves forward 3 places, matching OI to LL; so FM becomes CP **B1**

Answer: D) CP

Question 41

B) OP - the first letter moves forward 2 places and the second letter stays the same, matching TK to VK; so MP becomes OP **B1**

Answer: B) OP

Question 42

B) PP - the first letter moves forward 3 places and the second letter moves forward 4 places, matching BD to EH; so ML becomes PP **B1**

Answer: B) PP

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Question 43

E) OB - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching RQ to IJ; so LY becomes OB **B1**

Answer: E) OB

Question 44

E) QQ - the first letter moves forward 5 places and the second letter moves back 2 places, matching NF to SD; so LS becomes QQ **B1**

Answer: E) QQ

Question 45

C) VA - the two letters swap places, matching TB to BT; so AV becomes VA **B1**

Answer: C) VA

Question 46

A) ZV - both letters move forward 1 place, matching GD to HE; so YU becomes ZV **B1**

Answer: A) ZV

Question 47

B) RO - the first letter moves back 1 place and the second letter stays the same, matching CR to BR; so SO becomes RO **B1**

Answer: B) RO

Question 48

D) JZ - the letters swap places and each moves forward 1 place, matching KW to XL; so YI becomes JZ **B1**

Answer: D) JZ

Question 49

C) KL - both letters shift forward 3 places, matching B+3=E and C+3=F **B1**

Answer: C) KL

Question 50

C) BS - both letters move back 1 place, matching IF to HE; so CT becomes BS **B1**

Answer: C) BS

Question 51

C) OK - both letters move back 3 places, matching QV to NS; so RN becomes OK **B1**

Answer: C) OK

Question 52

A) BX - the first letter moves back 1 place and the second letter stays the same, matching EV to DV; so CX becomes BX **B1**

Answer: A) BX

Question 53

C) YC - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching ZI to AR; so BX becomes YC **B1**

Answer: C) YC

Question 54

C) HQ - the first letter moves forward 4 places and the second letter moves forward 3 places, matching DV to HY; so DN becomes HQ **B1**

Answer: C) HQ

Question 55

A) SE - both letters move forward 2 places, matching TX to VZ; so QC becomes SE **B1**

Answer: A) SE

Question 56

D) YJ - the first letter moves forward 3 places and the second letter stays the same, matching KN to NN; so VJ becomes YJ **B1**

Answer: D) YJ

Question 57

A) MU - the two letters swap places, matching DV to VD; so UM becomes MU **B1**

Answer: A) MU

Question 58

A) MQ - the first letter moves back 1 place and the second letter moves forward 2 places, matching EG to DI; so NO becomes MQ **B1**

Answer: A) MQ

Question 59

C) VW - both letters move back 2 places, matching OE to MC; so XY becomes VW **B1**

Answer: C) VW

Question 60

B) AU - the first letter moves back 3 places and the second letter stays the same, matching HD to ED; so DU becomes AU **B1**

Answer: B) AU

Question 61

D) TX - the first letter moves back 3 places and the second letter moves forward 4 places, matching XL to UP; so WT becomes TX **B1**

Answer: D) TX

Question 62

E) ID - the first letter moves forward 2 places and the second letter moves forward 3 places, matching JP to LS; so GA becomes ID **B1**

Answer: E) ID

Question 63

C) TB - both letters move back 1 place, matching LV to KU; so UC becomes TB **B1**

Answer: C) TB

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Question 64

B) SX - the first letter moves back 2 places and the second letter stays the same, matching OM to MM; so UX becomes SX **B1**

Answer: B) SX

Question 65

D) DV - both letters move forward 2 places, matching BA to DC; so BT becomes DV **B1**

Answer: D) DV

Question 66

D) WZ - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching BD to YW; so DA becomes WZ **B1**

Answer: D) WZ

Question 67

D) EL - the letters swap places and each moves forward 1 place, matching UN to OV; so KD becomes EL **B1**

Answer: D) EL

Question 68

A) LA - the two letters swap places, matching KC to CK; so AL becomes LA **B1**

Answer: A) LA

Question 69

D) MT - both letters move back 1 place, matching IV to HU; so NU becomes MT **B1**

Answer: D) MT

Question 70

B) MJ - the first letter moves forward 6 places and the second letter moves back 3 places, matching JD to PA; so GM becomes MJ **B1**

Answer: B) MJ

Question 71

E) XK - both letters move forward 2 places, matching MH to OJ; so VI becomes XK **B1**

Answer: E) XK

Question 72

E) XE - the first letter moves forward 2 places and the second letter moves forward 1 place, matching HE to JF; so VD becomes XE **B1**

Answer: E) XE

Question 73

A) EU - both letters move back 1 place, matching QY to PX; so FV becomes EU **B1**

Answer: A) EU

Question 74

B) AU - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching KL to PO; so ZF becomes AU **B1**

Answer: B) AU

Question 75

B) PR - the letters swap places and each moves back 1 place, matching EL to KD; so SQ becomes PR **B1**

Answer: B) PR

Question 76

C) YG - the first letter moves forward 5 places and the second letter moves back 5 places, matching LI to QD; so TL becomes YG **B1**

Answer: C) YG

Question 77

D) MJ - both letters move back 2 places, matching EC to CA; so OL becomes MJ **B1**

Answer: D) MJ

Question 78

A) JP - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching DB to WY; so QK becomes JP **B1**

Answer: A) JP

Question 79

B) XC - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching EQ to VJ; so CX becomes XC **B1**

Answer: B) XC

Question 80

E) OP - both letters move back 3 places, matching KU to HR; so RS becomes OP **B1**

Answer: E) OP

Question 81

C) WY - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching OR to LI; so DB becomes WY **B1**

Answer: C) WY

Question 82

C) CO - the first letter moves back 1 place and the second letter moves forward 1 place, matching QG to PH; so DN becomes CO **B1**

Answer: C) CO

Question 83

B) OG - both letters move forward 3 places, matching SV to VY; so LD becomes OG **B1**

Answer: B) OG

Question 84

A) EM - the two letters swap places, matching WN to NW; so ME becomes EM **B1**

Answer: A) EM

Question 85

E) MQ - both letters move back 1 place, matching VH to UG; so NR becomes MQ **B1**

Answer: E) MQ

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Question 86

D) NW - both letters move back 1 place, matching XF to WE; so OX becomes NW **B1**

Answer: D) NW

Question 87

E) QU - the first letter moves forward 2 places and the second letter moves forward 3 places, matching KA to MD; so OR becomes QU **B1**

Answer: E) QU

Question 88

B) EQ - the two letters swap places, matching PE to EP; so QE becomes EQ **B1**

Answer: B) EQ

Question 89

C) FC - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching OI to LR; so UX becomes FC **B1**

Answer: C) FC

Question 90

C) PE - both letters move forward 1 place, matching BF to CG; so OD becomes PE **B1**

Answer: C) PE

Question 91

E) DB - the first letter moves back 1 place and the second letter stays the same, matching TW to SW; so EB becomes DB **B1**

Answer: E) DB

Question 92

B) XT - the first letter moves back 2 places and the second letter stays the same, matching SJ to QJ; so ZT becomes XT **B1**

Answer: B) XT

Question 93

B) SK - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching BQ to YJ; so HP becomes SK **B1**

Answer: B) SK

Question 94

A) AN - both letters move back 2 places, matching VG to TE; so CP becomes AN **B1**

Answer: A) AN

Question 95

E) SM - the first letter moves back 4 places and the second letter moves forward 3 places, matching EV to AY; so WJ becomes SM **B1**

Answer: E) SM

Question 96

B) OE - both letters move forward 3 places, matching VH to YK; so LB becomes OE **B1**

Answer: B) OE

Question 97

C) WP - both letters move back 1 place, matching QD to PC; so XQ becomes WP **B1**

Answer: C) WP

Question 98

D) EH - the first letter moves back 3 places and the second letter moves back 5 places, matching DT to AO; so HM becomes EH **B1**

Answer: D) EH

Question 99

B) PU - the two letters swap places, matching VD to DV; so UP becomes PU **B1**

Answer: B) PU

Question 100

E) SG - both letters move back 3 places, matching MX to JU; so VJ becomes SG **B1**

Answer: E) SG

Question 101

C) TI - the first letter moves forward 5 places and the second letter stays the same, matching SF to XF; so OI becomes TI **B1**

Answer: C) TI

Question 102

A) HC - the first letter moves back 1 place and the second letter moves back 2 places, matching FQ to EO; so IE becomes HC **B1**

Answer: A) HC

Question 103

D) WI - both letters move back 2 places, matching FI to DG; so YK becomes WI **B1**

Answer: D) WI

Question 104

C) PH - both letters move back 3 places, matching ZX to WU; so SK becomes PH **B1**

Answer: C) PH

Question 105

B) LC - the two letters swap places, matching RK to KR; so CL becomes LC **B1**

Answer: B) LC

Question 106

A) DL - both letters move forward 1 place, matching NS to OT; so CK becomes DL **B1**

Answer: A) DL

Question 107

B) YI - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching CD to XW; so BR becomes YI **B1**

Answer: B) YI

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Question 108

C) DQ - both letters move back 3 places, matching QP to NM; so GT becomes DQ **B1**

Answer: C) DQ

Question 109

C) YP - the first letter moves forward 3 places and the second letter stays the same, matching TC to WC; so VP becomes YP **B1**

Answer: C) YP

Question 110

A) WT - the two letters swap places, matching LD to DL; so TW becomes WT **B1**

Answer: A) WT

Question 111

D) OP - both letters shift forward 3 places, matching C+3=F and D+3=G **B1**

Answer: D) OP

Question 112

E) GU - the first letter moves forward 3 places and the second letter moves back 3 places, matching QU to TR; so DX becomes GU **B1**

Answer: E) GU

Question 113

D) KU - both letters move back 1 place, matching FY to EX; so LV becomes KU **B1**

Answer: D) KU

Question 114

E) IA - the first letter moves forward 1 place and the second letter stays the same, matching IU to JU; so HA becomes IA **B1**

Answer: E) IA

Question 115

C) LI - both letters move back 3 places, matching OY to LV; so OL becomes LI **B1**

Answer: C) LI

Question 116

A) QW - the first letter moves forward 4 places and the second letter moves forward 5 places, matching IE to MJ; so MR becomes QW **B1**

Answer: A) QW

Question 117

E) PJ - both letters move forward 1 place, matching SA to TB; so OI becomes PJ **B1**

Answer: E) PJ

Question 118

A) YB - the two letters swap places, matching YR to RY; so BY becomes YB **B1**

Answer: A) YB

Question 119

D) WJ - both letters move forward 3 places, matching GC to JF; so TG becomes WJ **B1**

Answer: D) WJ

Question 120

E) HJ - both letters shift forward 2 places, matching A+2=C and C+2=E, keeping the 2-letter gap **B1**

Answer: E) HJ

Question 121

B) TX - both letters move forward 2 places, matching JL to LN; so RV becomes TX **B1**

Answer: B) TX

Question 122

D) TT - the first letter moves back 4 places and the second letter moves forward 3 places, matching JS to FV; so XQ becomes TT **B1**

Answer: D) TT

Question 123

C) WQ - the first letter moves back 2 places and the second letter moves forward 2 places, matching DP to BR; so YO becomes WQ **B1**

Answer: C) WQ

Question 124

E) LI - both letters move back 2 places, matching JS to HQ; so NK becomes LI **B1**

Answer: E) LI

Question 125

A) FO - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching SB to HY; so UL becomes FO **B1**

Answer: A) FO

Question 126

E) UN - the first letter moves back 3 places and the second letter stays the same, matching NY to KY; so XN becomes UN **B1**

Answer: E) UN

Question 127

C) UH - both letters move back 2 places, matching WC to UA; so WJ becomes UH **B1**

Answer: C) UH

Question 128

A) OU - the first letter moves back 5 places and the second letter moves forward 2 places, matching VB to QD; so TS becomes OU **B1**

Answer: A) OU

Question 129

A) JL - the first letter moves forward 3 places and the second letter moves forward 4 places (A+3=D, B+4=F) **B1**

Answer: A) JL

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Question 130

B) UN - the first letter moves back 1 place and the second letter moves back 2 places, matching CE to BC; so VP becomes UN **B1**

Answer: B) UN

Question 131

D) RS - the first letter moves forward 1 place and the second letter stays the same, matching EJ to FJ; so QS becomes RS **B1**

Answer: D) RS

Question 132

C) NO - the letters swap places and each moves back 2 places, matching TF to DR; so QP becomes NO **B1**

Answer: C) NO

Question 133

B) AQ - both letters move back 2 places, matching CO to AM; so CS becomes AQ **B1**

Answer: B) AQ

Question 134

C) EU - both letters move back 2 places, matching EL to CJ; so GW becomes EU **B1**

Answer: C) EU

Question 135

E) GC - the first letter moves forward 1 place and the second letter stays the same, matching PL to QL; so FC becomes GC **B1**

Answer: E) GC

Question 136

B) LU - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching RB to IY; so OF becomes LU **B1**

Answer: B) LU

Question 137

B) DC - the two letters simply swap places **B1**

Answer: B) DC

Question 138

B) US - both letters move back 3 places, matching IT to FQ; so XV becomes US **B1**

Answer: B) US

Question 139

D) ZQ - the first letter moves forward 1 place and the second letter stays the same, matching BI to CI; so YQ becomes ZQ **B1**

Answer: D) ZQ

Question 140

C) PI - the first letter moves back 4 places and the second letter stays the same, matching YA to UA; so TI becomes PI **B1**

Answer: C) PI

Question 141

E) IQ - both letters move back 1 place, matching JY to IX; so JR becomes IQ **B1**

Answer: E) IQ

Question 142

A) GS - the two letters swap places, matching TI to IT; so SG becomes GS **B1**

Answer: A) GS

Question 143

A) RZ - both letters move forward 1 place, matching YW to ZX; so QY becomes RZ **B1**

Answer: A) RZ

Question 144

E) GM - the first letter moves forward 1 place and the second letter stays the same, matching JW to KW; so FM becomes GM **B1**

Answer: E) GM

Question 145

B) KN - each letter is swapped for its mirror in the alphabet (A with Z, B with Y, and so on), matching AQ to ZJ; so PM becomes KN **B1**

Answer: B) KN

Question 146

B) BO - the first letter moves back 1 place and the second letter moves back 2 places, matching JM to IK; so CQ becomes BO **B1**

Answer: B) BO

Question 147

D) EW - both letters move back 1 place, matching XP to WO; so FX becomes EW **B1**

Answer: D) EW

Question 148

C) DQ - the first letter moves back 2 places and the second letter stays the same, matching OE to ME; so FQ becomes DQ **B1**

Answer: C) DQ

Question 149

B) UZ - both letters move forward 3 places, matching WR to ZU; so RW becomes UZ **B1**

Answer: B) UZ

Question 150

C) UF - both letters move forward 2 places, matching BI to DK; so SD becomes UF **B1**

Answer: C) UF

Question 151

D) QD - the first letter moves back 1 place and the second letter moves forward 2 places, matching YP to XR; so RB becomes QD **B1**

Answer: D) QD

Question 152

E) FG - both letters move forward 2 places, matching ST to UV; so DE becomes FG **B1**

Answer: E) FG

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Question 153

E) QE - the first letter moves back 5 places and the second letter moves back 4 places, matching TU to OQ; so VI becomes QE **B1**

Answer: E) QE

Question 154

B) GK - the two letters swap places, matching JU to UJ; so KG becomes GK **B1**

Answer: B) GK

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