

Nom:

Calcule et complète les pointillés puis colorie les cases en utilisant le code couleur suivant :

-15 : gris

15 : rouge

-3,5 : rose

8 : orange

-16 : bleu

+3,5 : noir

$$(F;1) : (-23) + (+8) = \dots$$

$$(G;1) : (-17) + (+2) = \dots$$

$$(H;1) : (-7) + (-8) = \dots$$

$$(I;1) : (+14) + (-29) = \dots$$

$$(J;1) : (-1) + (-14) = \dots$$

$$(T;1) : (-20) + (+5) = \dots$$

$$(U;1) : (+12) + (-27) = \dots$$

$$(V;1) : (-5) + (-10) = \dots$$

$$(W;1) : (-27) + (+12) = \dots$$

$$(X;1) : (+44) + (-59) = \dots$$

$$(E;2) : (-52) + (+37) = \dots$$

$$(K;2) : (-12) + (-3) = \dots$$

$$(S;2) : (+42) + (-57) = \dots$$

$$(Y;2) : (-100) + (+85) = \dots$$

$$(D;3) : (-11) + (-4) = \dots$$

$$(K;3) : (+3) + (-18) = \dots$$

$$(L;3) : (-13) + (-2) = \dots$$

$$(M;3) : (-80) + (+65) = \dots$$

$$(N;3) : (-32) + (+17) = \dots$$

$$(O;3) : (-24) + (+9) = \dots$$

$$(P;3) : (-11) + (-4) = \dots$$

$$(Q;3) : (+20) + (-35) = \dots$$

$$(R;3) : (+4) + (-19) = \dots$$

$$(S;3) : (-6) + (-9) = \dots$$

$$(Z;3) : (-28) + (+13) = \dots$$

$$(C;4) : (-2,5) + (-1) = \dots$$

$$(D;4) : (-25) + (+10) = \dots$$

$$(H;4) : (+27) + (-42) = \dots$$

$$(I;4) : (+90) + (-105) = \dots$$

$$(J;4) : (+54) + (-69) = \dots$$

$$(T;4) : (-21) + (+6) = \dots$$

$$(U;4) : (-212) + (+197) = \dots$$

$$(V;4) : (-115) + (+100) = \dots$$

$$(Z;4) : (-73) + (+58) = \dots$$

$$(AA;4) : (-10) + (+6,5) = \dots$$

$$(C;5) : (+15) + (-18,5) = \dots$$

$$(D;5) : (-5,5) + (+2) = \dots$$

$$(E;5) : (-7,5) + (-7,5) = \dots$$

$$(F;5) : (-21) + (+6) = \dots$$

$$(G;5) : (-25,4) + (+10,4) = \dots$$

$$(M;5) : (-10,2) + (-4,8) = \dots$$

$$(N;5) : (-91) + (+76) = \dots$$

$$(P;5) : (-2,5) + (-12,5) = \dots$$

$$(Q;5) : (-27,3) + (+12,3) = \dots$$

$$(W;5) : (-1,2) + (-13,8) = \dots$$

$$(X;5) : (-23,8) + (+8,8) = \dots$$

$$(Y;5) : (+14,5) + (-29,5) = \dots$$

$$(Z;5) : (-0,5) + (-3) = \dots$$

$$(AA;5) : (-16) + (+12,5) = \dots$$

$$(C;6) : (+17) + (-20,5) = \dots$$

$$(D;6) : (-14) + (+10,5) = \dots$$

$$(E;6) : (-7,8) + (-7,2) = \dots$$

$$(H;6) : (-23,4) + (+8,4) = \dots$$

$$(I;6) : (-18) + (+3) = \dots$$

$$(L;6) : (-31,2) + (+16,2) = \dots$$

$$(O;6) : (+14,3) + (-29,3) = \dots$$

$$(R;6) : (-200) + (+185) = \dots$$

$$(U;6) : (+432) + (-447) = \dots$$

$$(V;6) : (-102,4) + (+87,4) = \dots$$

$$(Y;6) : (-0,3) + (-14,7) = \dots$$

$$(Z;6) : (-1) + (-2,5) = \dots$$

$$(AA;6) : (+13) + (-16,5) = \dots$$

$$(D;7) : (-17,8) + (+2,8) = \dots$$

$$(J;7) : (-13,2) + (-1,8) = \dots$$

$$(O;7) : (-20) + (+16,5) = \dots$$

$$(T;7) : (-24,6) + (+9,6) = \dots$$

$$(Z;7) : (-154) + (+139) = \dots$$

$$(C;8) : (-24,7) + (+9,7) = \dots$$

$$(G;8) : (-925) + (+910) = \dots$$

$$(H;8) : (+1\ 032) + (-1\ 047) = \dots$$

$$(I;8) : (-8,8) + (-6,2) = \dots$$

$$(J;8) : (-17) + (+20,5) = \dots$$

$$(K;8) : (+1,8) + (+1,7) = \dots$$

$$(N;8) : (-12,3) + (+8,8) = \dots$$

$$(O;8) : (-0,9) + (-2,6) = \dots$$

$$(P;8) : (+27) + (-30,5) = \dots$$

$$(S;8) : (+42) + (-38,5) = \dots$$

$$(T;8) : (+2) + (+1,5) = \dots$$

$$(U;8) : (-31,7) + (+16,7) = \dots$$

$$(V;8) : (-64) + (+49) = \dots$$

$$(W;8) : (-9,5) + (-5,5) = \dots$$

$$(AA;8) : (-34,8) + (+19,8) = \dots$$

$$(B;9) : (-212) + (+197) = \dots$$

$$(I;9) : (-8,7) + (-7,3) = \dots$$

$$(J;9) : (+12,5) + (-9) = \dots$$

$$(K;9) : (+4,8) + (-1,3) = \dots$$

$$(L;9) : (+27) + (-23,5) = \dots$$

$$(R;9) : (+18,2) + (-14,7) = \dots$$

$$(S;9) : (-32) + (+35,5) = \dots$$

$$(T;9) : (+157,2) + (-153,7) = \dots$$

$$(U;9) : (-24) + (+8) = \dots$$

$$(AB;9) : (-211,4) + (+196,4) = \dots$$

$$(A;10) : (-3,8) + (-11,2) = \dots$$

$$(I;10) : (-20,5) + (+4,5) = \dots$$

$$(J;10) : (+15) + (-11,5) = \dots$$

$$(K;10) : (+34,7) + (-31,2) = \dots$$

$$(L;10) : (+2,6) + (+0,9) = \dots$$

$$(R;10) : (+102,1) + (-98,6) = \dots$$

$$(S;10) : (-17,2) + (+20,7) = \dots$$

$$(T;10) : (+31,3) + (-27,8) = \dots$$

$$(U;10) : (+115) + (-131) = \dots$$

$$(AC;10) : (-108,5) + (+93,5) = \dots$$

$$(B;11) : (-41) + (+26) = \dots$$

$$(C;11) : (-4,3) + (-10,7) = \dots$$

$$(H;11) : (+7,4) + (-3,9) = \dots$$

$$(J;11) : (-10,7) + (-5,3) = \dots$$

$$(K;11) : (+17) + (-13,5) = \dots$$

$$(S;11) : (-98) + (+101,5) = \dots$$

$$(T;11) : (+42) + (-58) = \dots$$

$$(V;11) : (+201) + (-197,5) = \dots$$

$$(AA;11) : (-1\ 000) + (+985) = \dots$$

$$(AB;11) : (+427) + (-442) = \dots$$

$$(D;12) : (-21,2) + (+6,2) = \dots$$

$$(I;12) : (+5,7) + (-2,2) = \dots$$

$$(J;12) : (+1,6) + (+1,9) = \dots$$

$$(T;12) : (-324) + (+327,5) = \dots$$

$$(U;12) : (+331,4) + (-327,9) = \dots$$

$$(Z;12) : (+343,5) + (-358,5) = \dots$$

$$(D;13) : (+19) + (-22,5) = \dots$$

$$(E;13) : (-45,7) + (+30,7) = \dots$$

$$(Y;13) : (+28) + (\dots) = (+13)$$

$$(Z;13) : (+2) + (\dots) = -1,5$$

$$(D;14) : (+5,6) + (-9,1) = \dots$$

$$(E;14) : (-17) + (+25) = \dots$$

$$(F;14) : (-4,9) + (-10,1) = \dots$$

$$(X;14) : (+103) + (\dots) = +88$$

$$(Y;14) : (+24) + (-16) = \dots$$

$$(Z;14) : (-1,2) + (-2,3) = \dots$$

$$(C;15) : (+27,7) + (-31,2) = \dots$$

$$(D;15) : (+101,2) + (-93,2) = \dots$$

$$(E;15) : (+16,3) + (-8,3) = \dots$$

$$(F;15) : (-112,4) + (+120,4) = \dots$$

$$(G;15) : (-12,1) + (-2,9) = \dots$$

$$(W;15) : (+77,2) + (-92,2) = \dots$$

$$(X;15) : (-24) + (\dots) = -16$$

$$(Y;15) : (\dots) + (-32) = -24$$

$$(Z;15) : (-17) + (\dots) = -9$$

$$(AA;15) : (-18,5) + (\dots) = -22$$

$$\begin{aligned} (C;16) &: (-14, 7) + (\dots) = -18, 2 \\ (D;16) &: (-23, 5) + (+31, 5) = \dots \\ (E;16) &: (+157) + (-149) = \dots \\ (F;16) &: (-102, 7) + (\dots) = -94, 7 \\ (G;16) &: (\dots) + (+73) = +58 \\ (W;16) &: (+19, 3) + (-34, 3) = \dots \\ (X;16) &: (+345) + (-337) = \dots \\ (Y;16) &: (-13, 3) + (\dots) = -5, 3 \\ (Z;16) &: (\dots) + (-23, 2) = -15, 2 \\ (AA;16) &: (-0, 75) + (-2, 75) = \dots \end{aligned}$$

$$\begin{aligned} (C;17) &: (+21) + (\dots) = +17, 5 \\ (D;17) &: (-3, 2) + (\dots) = +4, 8 \\ (E;17) &: (-21, 5) + (+29, 5) = \dots \\ (F;17) &: (+432) + (-424) = \dots \\ (G;17) &: (-127) + (\dots) = -119 \\ (H;17) &: (-9, 7) + (-5, 3) = \dots \\ (V;17) &: (+45, 3) + (\dots) = +30, 3 \\ (W;17) &: (\dots) + (-103) = -95 \\ (X;17) &: (-48, 7) + (+56, 7) = \dots \\ (Y;17) &: (-0, 1) + (+8, 1) = \dots \\ (Z;17) &: (-3, 75) + (\dots) = 4, 25 \\ (AA;17) &: (-14) + (\dots) = -17, 5 \end{aligned}$$

$$\begin{aligned} (C;18) &: (-21) + (+17, 5) = \dots \\ (D;18) &: (-115) + (+123) = \dots \\ (E;18) &: (+7, 3) + (+0, 7) = \dots \\ (F;18) &: (\dots) + (-17) = -9 \\ (G;18) &: (-15, 4) + (+7, 4) = \dots \\ (H;18) &: (-428) + (\dots) = -443 \\ (V;18) &: (+28, 5) + (-43, 5) = \dots \\ (W;18) &: (+123, 8) + (-115, 8) = \dots \\ (X;18) &: (-3, 7) + (\dots) = +4, 3 \\ (Y;18) &: (+13, 5) + (\dots) = +21, 5 \\ (Z;18) &: (-123) + (+131) = \dots \\ (AA;18) &: (+32, 5) + (-36) = \dots \end{aligned}$$

$$\begin{aligned} (C;19) &: (+4, 33) + (\dots) = +0, 83 \\ (D;19) &: (-25, 2) + (\dots) = -17, 2 \\ (E;19) &: (+193) + (-185) = \dots \\ (F;19) &: (+187) + (-179) = \dots \\ (G;19) &: (-81, 2) + (\dots) = -73, 2 \\ (H;19) &: (+125) + (-140) = \dots \\ (V;19) &: (-13, 5) + (\dots) = -28, 5 \\ (W;19) &: (\dots) + (-104) = -96 \\ (X;19) &: (+36, 3) + (-28, 3) = \dots \\ (Y;19) &: (-157) + (+165) = \dots \\ (Z;19) &: (+121) + (-113) = \dots \\ (AA;19) &: (\dots) + (-3, 75) = -7, 25 \end{aligned}$$

$$(C;20) : (-1, 6) + (-1, 9) = \dots$$

$$\begin{aligned} (D;20) &: (-53) + (+61) = \dots \\ (E;20) &: (-4, 4) + (\dots) = +3, 6 \\ (F;20) &: (\dots) + (-23) = -15 \\ (G;20) &: (+14, 7) + (\dots) = -0, 3 \\ (J;20) &: (+52, 4) + (-67, 4) = \dots \\ (K;20) &: (-132) + (\dots) = -147 \\ (S;20) &: (+201) + (\dots) = +186 \\ (T;20) &: (-2, 4) + (-12, 6) = \dots \\ (W;20) &: (+31, 5) + (\dots) = +16, 5 \\ (X;20) &: (-5, 3) + (\dots) = +2, 7 \\ (Y;20) &: (+32, 2) + (-24, 2) = \dots \\ (Z;20) &: (+3, 28) + (+4, 72) = \dots \\ (AA;20) &: (-1, 7) + (\dots) = -5, 2 \end{aligned}$$

$$\begin{aligned} (D;21) &: (+7, 5) + (-11) = \dots \\ (E;21) &: (-4, 5) + (+12, 5) = \dots \\ (F;21) &: (\dots) + (-5, 7) = +2, 3 \\ (G;21) &: (-17, 3) + (+2, 3) = \dots \\ (I;21) &: (-212) + (+197) = \dots \\ (L;21) &: (-22, 3) + (+18, 8) = \dots \\ (M;21) &: (-7) + (+3, 5) = \dots \\ (Q;21) &: (+112) + (\dots) = +108, 5 \\ (R;21) &: (+4, 25) + (\dots) = +0, 75 \\ (U;21) &: (+61) + (-76) = \dots \\ (W;21) &: (-37) + (\dots) = -52 \\ (X;21) &: (-17) + (+25) = \dots \\ (Y;21) &: (+82) + (-74) = \dots \\ (Z;21) &: (-34) + (+30, 5) = \dots \end{aligned}$$

$$\begin{aligned} (D;22) &: (-102) + (+98, 5) = \dots \\ (E;22) &: (-32) + (+40) = \dots \\ (F;22) &: (+23) + (\dots) = +8 \\ (I;22) &: (+2, 7) + (-17, 7) = \dots \\ (K;22) &: (-31, 6) + (+28, 1) = \dots \\ (L;22) &: (-45) + (+60) = \dots \\ (M;22) &: (-28, 3) + (+43, 3) = \dots \\ (N;22) &: (-42, 3) + (+38, 8) = \dots \\ (O;22) &: (-12, 5) + (+9) = \dots \\ (P;22) &: (-3, 1) + (-0, 4) = \dots \\ (Q;22) &: (+100) + (-85) = \dots \\ (R;22) &: (+3, 5) + (\dots) = +18, 5 \\ (S;22) &: (+4) + (-7, 5) = \dots \\ (U;22) &: (-3, 8) + (-11, 2) = \dots \\ (X;22) &: (-99, 3) + (\dots) = -114, 3 \\ (Y;22) &: (\dots) + (-7, 2) = +0, 8 \\ (Z;22) &: (+8) + (\dots) = +4, 5 \end{aligned}$$

$$\begin{aligned} (D;23) &: (-4, 2) + (+0, 7) = \dots \\ (E;23) &: (-59) + (+67) = \dots \\ (F;23) &: (-12, 3) + (\dots) = -27, 3 \\ (H;23) &: (+4, 8) + (\dots) = -10, 2 \end{aligned}$$

$$\begin{aligned} (K;23) &: (-5, 3) + (\dots) = -8, 8 \\ (L;23) &: (-18, 5) + (+33, 5) = \dots \\ (M;23) &: (+17, 1) + (-20, 6) = \dots \\ (N;23) &: (+21) + (-24, 5) = \dots \\ (O;23) &: (-4, 5) + (\dots) = +10, 5 \\ (P;23) &: (+14, 1) + (\dots) = +10, 6 \\ (Q;23) &: (+100) + (\dots) = +96, 5 \\ (R;23) &: (+51) + (-36) = \dots \\ (S;23) &: (-32) + (+28, 5) = \dots \\ (V;23) &: (-3, 17) + (-11, 83) = \dots \\ (X;23) &: (+7, 25) + (-22, 25) = \dots \\ (Y;23) &: (+4, 59) + (+3, 41) = \dots \\ (Z;23) &: (+7, 25) + (\dots) = +3, 75 \end{aligned}$$

$$\begin{aligned} (E;24) &: (-25) + (+21, 5) = \dots \\ (F;24) &: (-30) + (+15) = \dots \\ (G;24) &: (-53) + (\dots) = -68 \\ (K;24) &: (+13, 8) + (-17, 3) = \dots \\ (L;24) &: (-95) + (+110) = \dots \\ (M;24) &: (+72) + (-57) = \dots \\ (N;24) &: (-50) + (+46, 5) = \dots \\ (O;24) &: (+201) + (-204, 5) = \dots \\ (P;24) &: (-5, 4) + (\dots) = -8, 9 \\ (Q;24) &: (-3, 5) + (\dots) = +11, 5 \\ (R;24) &: (-13) + (\dots) = +2 \\ (S;24) &: (+41) + (-44, 5) = \dots \\ (W;24) &: (-4, 8) + (-10, 2) = \dots \\ (X;24) &: (+11, 3) + (\dots) = -3, 7 \\ (Y;24) &: (+18, 2) + (\dots) = +14, 7 \end{aligned}$$

$$\begin{aligned} (F;25) &: (+16, 7) + (\dots) = +1, 7 \\ (L;25) &: (-2, 18) + (-1, 32) = \dots \\ (M;25) &: (+7, 31) + (-10, 81) = \dots \\ (P;25) &: (+4, 3) + (\dots) = -10, 7 \\ (Q;25) &: (-4, 8) + (+1, 3) = \dots \\ (R;25) &: (-8) + (+4, 5) = \dots \\ (X;25) &: (+168) + (-183) = \dots \end{aligned}$$

$$\begin{aligned} (M;26) &: (-4, 5) + (-10, 5) = \dots \\ (Q;26) &: (-3, 38) + (-11, 62) = \dots \end{aligned}$$

$$\begin{aligned} (M;27) &: (-52) + (+37) = \dots \\ (Q;27) &: (-21, 8) + (+6, 8) = \dots \end{aligned}$$

$$\begin{aligned} (N;28) &: (-127) + (+112) = \dots \\ (O;28) &: (+324) + (-339) = \dots \\ (P;28) &: (+23, 4) + (\dots) = +8, 4 \\ (Q;28) &: (-17, 8) + (\dots) = -32, 8 \\ (R;28) &: (-3, 11) + (-11, 89) = \dots \end{aligned}$$

